



# Industrial Switchgear

Plugs and Sockets



**Make the right choice**

Don't judge industrial switchgear by its colour

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**CLIPSAL**  
by Schneider Electric







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# Introduction

## The Power Behind Today's Industry

Designed to satisfy customer needs, precisely engineered and carefully manufactured, Clipsal Industrial Switchgear is as versatile as your requirements. Industrial switchgear, being one of the most important components of industry, must be tough, and perform under many adverse conditions.

Clipsal's Industrial Switchgear range, comprising of 56 Series, 66 Series and Wilco Ranges, satisfies these challenges with the use of durable engineering plastics and cast metal and in most instances have been tested for protection against ingress of water and dust to International Protection Rating IP66. It is testimony to the excellence in both manufacture and performance of Clipsal Industrial Switchgear.

## Operation

For safety's sake all of the switches in the Clipsal Industrial Switchgear ranges have been equipped with facilities for double pad-locking. When plugs are removed, the socket flap automatically locks into place, resisting dust or water from entering.

## Standards

Pin configurations for plugs, sockets and switched socket outlets comply with AS/NZS3123 and switches with appropriate parts of AS/NZS3947.3 & AS/NZS3133.

## Temperature Resistance

The temperature range of the 56 & 66 Series and Wilco products are limited by two aspects;

- 1) the material used in mouldings and castings
- 2) the operating temperature of the internal electrical components.

The material type limits the use of the 56 & 66 Series standard product to -25°C to +75°C. All materials used for the Wilco ranges are tested to operate in extreme temperatures from -20°C to +60°C ambient.

## Transparent Plastic Materials

The introduction of transparent materials to the 56 and 66 Series ranges enables the inspection and checking of the components pin/socket configuration and wiring at a glance, while still providing protection against the elements.

## Designed to Mix and Match

What suits one industry might not be the best match for another. That's why the 56 Series and WilcoROWCO\* ranges were specifically designed to mix and match. There is an extensive choice of modules available, including switches, sockets, and residual current devices. Clipsal mounting enclosures range in size from 1 to 4 for WilcoROWCO and 1 to 16 gang for 56 Series.

This allows assemblies to be customised - from a simple switch station to a large electrical control panel. Accessories can be ordered Less Enclosure (back box) by simply specifying LE after the 56 Series catalogue number or /LE after specific WilcoROWCO catalogue numbers.

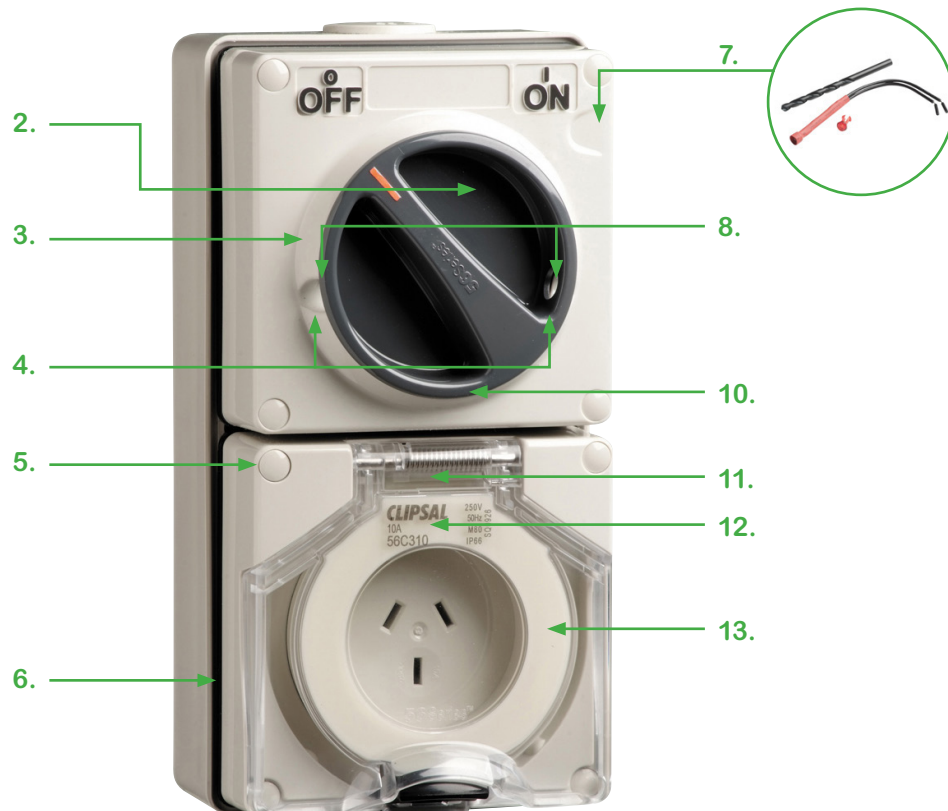
\*from 10A to 32A



## 56 Series Features

### Switches, sockets, or combination switch sockets features and benefits

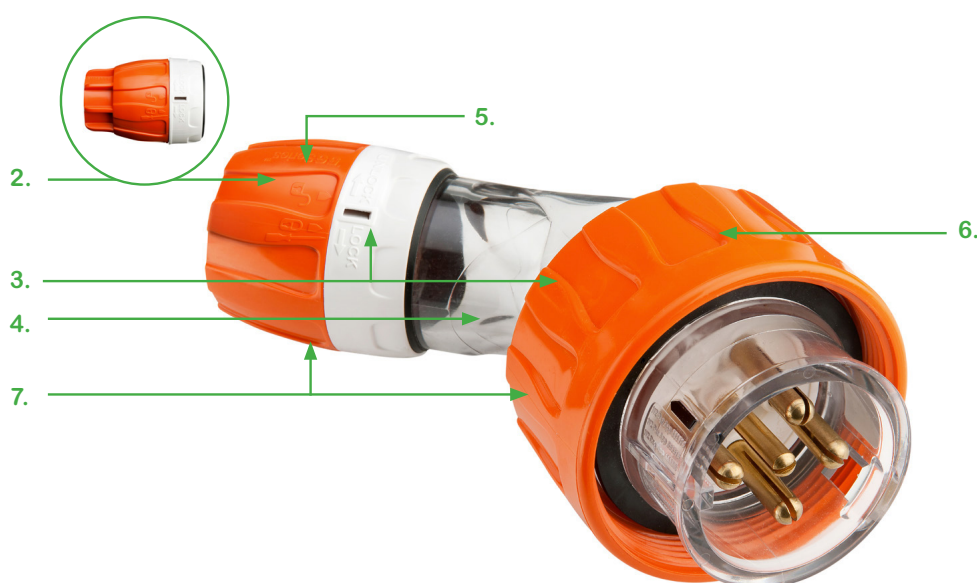
1. One- and two-piece cover options; one-piece improves water resistance in wash-down areas and two-piece is ideal for economical changeovers
2. Large switch handle simplifies operation with gloves
3. Contoured profile — reduces potential dirt build-up areas
4. Increased padlocking area — more flexibility when locking off
5. Solid cover, (no pivot bungs or holes) to add strength to flap and resist water/dust entry
6. Patented rigid gasket design provides IP66 even without cover screw caps; gasket won't flex or pinch under cover
7. LED kit option — ideal to monitor phase conditions without the need to remove covers
8. Switch-knob padlock hole locations below horizontal reduces dust entering and seizing switch-knob
9. Knob Bearing improves switch life, endurance, smoothness of actuation and resists switch seizure
10. Clearances between switch cover & knob allow for any dust ingress to come out, resisting switch knob seizure
11. Wide opening hinged flap to assist with plug insertion/removal — without allowing dust or water ingress
12. Permanent laser markings eliminate stickers falling off into food or beverages
13. Co-injected socket gasket — avoids shrinkage in harsh environments





### Plugs and plug sockets features and benefits

1. Less parts, more efficiency
2. Separate adaptor available for SWA, corrugated, or hose fittings provides full protection of cabling to end of plug
3. Patented Mactro snap-shut body
  - Fast access — ideal during breakdowns
  - No screws — removes stress points
4. Improved body shape — ergonomic hand placement
5. Unique cable clamp provides simplified sealing around cable, avoiding fiddly onion ring approach
6. Wide lock ring for simple operation whilst wearing gloves
7. Shallow grooves on lock ring and cable clamp reduce potential for dirt being trapped and improves hygiene



### Snap shut bodies

Screw-less assembly using a 'latching' spring allows for speed, simplicity, product strength and improved reliability. The 'latching' spring clip stays down once it is pressed, so it is just a simple 'press and switch'. The spring clip, when shut, does not exert any stress on the housings, resulting in a stronger body and sleeve connection.



#### To Open

1. Look for padlock and arrow icons
2. Align grey band to locked position
3. Insert driver and push down firmly
4. Align grey band to unlocked position
5. Twist body left only



#### To Close

1. Look for padlock and arrow icons
2. Align grey band to unlocked position
3. Insert driver and push down firmly
4. Align grey band to locked position
5. Twist body right only



## 66 Series Features

### Make light work of installations with 66 Series Combination Switched Socket Outlets

Clipsal design, engineering and precision brings you the revolutionary 66 Series of Combination Switched Socket Outlets and Plugs for 50 and 63 amp, 4, 5 or 7 pin heavy-duty appliances, such as welders, pumps, and mobile conveyors.

Until recently 50 and 63 amp socket outlets and plugs were constructed with metal clad housings, which, in many situations, encounter drawbacks with their heavyweight, time consuming installation and susceptibility to corrosion.

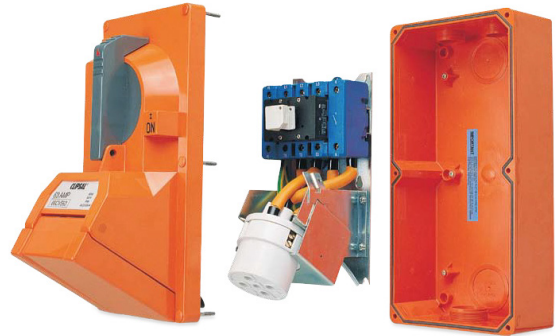
66 Series Switched Socket Outlets and Plugs solve these problems and offer many other additional benefits.

Major features of the 66CV Switched Socket Outlets are their robust PVC back box and polyester cover that provide excellent chemical and high impact resistance as well as UV stability, in a neat, compact unit that's quicker and easier to install. 66P Plugs are manufactured from fully moulded, transparent polycarbonate or resistant orange polyester to offer the same degree of strength and resistance to chemicals and UV rays.

For convenience both the switched socket outlets and plugs can be easily used with gloved hands.

An internal interlock is fitted to the outlet to help prevent insertion or withdrawal of the plug (provided the plug is fitted with an interlock facility) while the switch is in the 'on' position.

66CV Series Combination Switched Socket Outlets also incorporate a padlock facility in the 'off' position for added security.



### Features

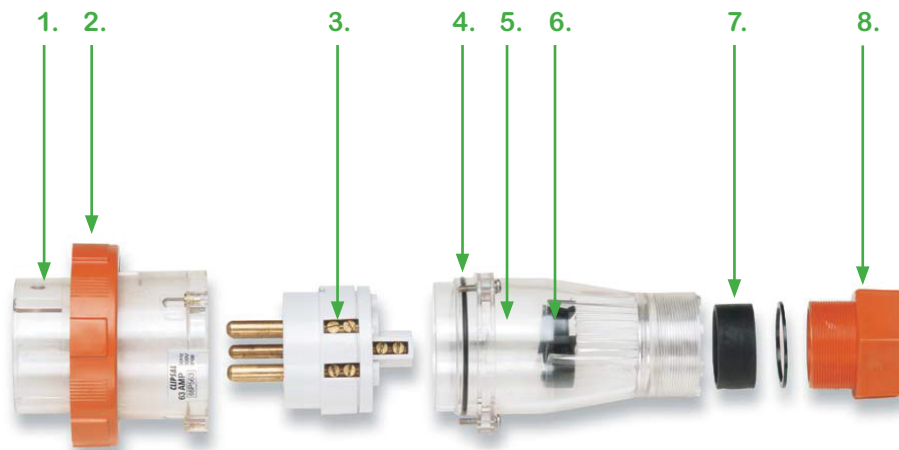
- IP66 protection in accordance with AS 1939 for the Combination Switched Socket Outlet and also when engaged with a plug.
- Separate back box with rear wiring facility for easy installation of large diameter cables.
- 1 x M40 entry (top) and 2 x M32 entries (bottom) to assist cable termination.
- Large switch knob and socket outlet flap for easy operation even with gloved hand.
- Socket outlet flap includes a heavy spring assembly to ensure IP66 integrity.
- Configurations of sockets and keyways in accordance with AS/NZS 3123.
- Stainless steel, combination head, captive cover screws for corrosion resistance and easy installation.
- Switch rated for motor duty, AC23 in accordance with AS/NZS 3947.3.
- Standard colour - Grey. Resistant Orange optional. Double insulated.
- Interior assembly is completely removable to assist with cable entry and termination of the large conductors required for the unit.



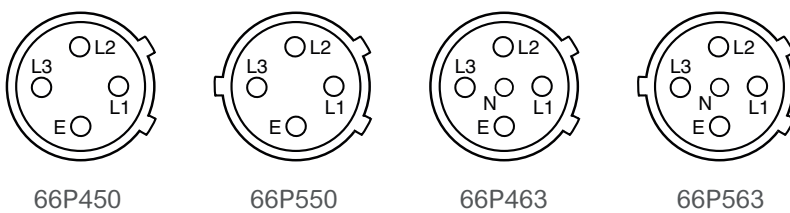
### Plugs and plug sockets features and benefits

1. Clear pin surround provides quick and reliable location of plug in socket and protection of pins.
2. Wide Lock Ring can be tightened and unscrewed with ease, even with a gloved hand. Provides positive sealing with an inbuilt sponge-type gasket.
3. Sturdy Terminal Housing for durability and years of service.
4. Stainless Steel Combination Head Screws for corrosion resistance and easy installation.
5. Transparent Polycarbonate Body allows instant inspection of connections.
6. Internal Cable Clamp is fast fixing and grips two ways, helping to resist cable twisting.
7. Cable Gland is extremely flexible with positive grip to help ensure dependable sealing.
8. Gland Nut with 50mm threaded cable entry for alternative facility termination.

IP Ratings only apply to cable terminations as per wiring instructions.



### Plug configurations



## WilcoROWCO

WilcoROWCO Industrial Switchgear is precisely engineered and carefully manufactured to satisfy customer needs and provide versatile solutions to meet any requirements.

Industrial switchgear, being one of the most important components of industry, has to be tough, able to take hard knocks and give dependable performance under many adverse conditions.

WilcoROWCO Metal Clad satisfies these challenges and more with the use of maximum strength die cast aluminium and has been tested for protection against the ingress of water and dust to up to International Protection Rating IP66.



### Applications

Heavy Industrial environments both indoors and outdoors where protection from dust, water, UV and impact is needed.

### Features

- Heavy duty cast aluminium.
- IP66 rated to IEC60529.
- Internal non-accessible and external accessible-mounting facilities.
- Stainless steel (316 grade) cover mounting screws metric thread stainless steel screws also come standard with the Metal Clad range. They are treated to help resist chemical reaction with the aluminium body, offering superior corrosion resistant properties.
- Can be padlocked off at two locations. The two padlock positions accept 8mm hasp padlocks or scissor lockout tags.



### Make the right choice, don't judge industrial switchgear by its colour

No economical plastic material is available to provide maximum impact strength as well as a high degree of chemical resistance. The various products that make up the Clipsal Industrial Switchgear range therefore have been designed specifically in different materials to withstand light, medium and heavy industry applications. In fact, Clipsal 56 Series is the only product of its type that provides UV and IP resistance, along with resistance to general chemicals or neutrals, acids and alkalines. The 56 Series range is complemented by the WilcoROWCO cast metal range that provides 'heavy duty' resistance particularly against impact.

To make the right choice, the following table can be used as a guide when selecting the right material for your application.

|                                         |                                                                                     |                                                                                                                                      |                                                                                                                                            |                                                                                                  |
|-----------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
|                                         |    |                                                     |                                                           |               |
| <b>Range and resistance suitability</b> | 56 Series Grey (GY)<br>General industrial uses,<br><b>Neutral</b> chemicals         | 56 Series Chemical Resistant Orange (RO) & Chemical Resistant White (RW).<br>Resistance to <b>Acid</b> -based detergents & chemicals | 56 Series Chemical Resistant Grey (CG) & Chemical Resistant Dark Grey (WW). Resistance to <b>Alkaline</b> -based chemicals/foaming caustic | WilcoROWCO Metal Clad Cast Aluminium. Toughness for high impact & <b>Heavy Duty</b> environments |
| <b>Chemical resistance</b>              |  |                                                   |                                                         |             |
| <b>Symbol</b>                           |  |                                                   |                                                         |             |

The following pages will provide a more detailed guide outlining typical applications for the ranges outlined above. This is to be used in conjunction with the Technical Guide and International Protection charts in the rear of the book.

# Application Guide

## Make the right choice

the table below is to be used as a guide when establishing which Clipsal Industrial product is best suited for specific environments. It takes into consideration the materials that Clipsal's Industrial range is made from and anticipates what it will be exposed to in various applications. For further information please contact your Clipsal and Schneider Electric representative.

| Product Selector                                                      |                                                                                                                                                                                                                                                             |            |         |            |
|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|------------|
| Application                                                           | Environment                                                                                                                                                                                                                                                 | Best       | Better  | Good       |
| Maintenance workshop                                                  | Indoors, ambient air temperature, low UV levels, cutting fluids, oils, no or minimal exposure to rain.                                                                                                                                                      | Neutral    | Acid    | Heavy Duty |
| Tool room or general fabrication workshop                             | Indoors, ambient air temperature, low UV levels, cutting fluids, oils.                                                                                                                                                                                      | Neutral    | Acid    | Heavy Duty |
| Plant rooms                                                           | Indoors, 0 °C to 40 °C, low UV levels, possible moisture/condensation, no or limited chemicals or detergent exposure.                                                                                                                                       | Neutral    | Acid    | Heavy Duty |
| Pedestrian traffic areas                                              | Indoors or outdoors, ambient air temperature, outdoors may be subjected to high UV levels and rainfall, indoors low UV and moisture, no or minimal chemicals or detergent exposure. May be prone to vandalism.                                              | Neutral    | Acid    | Heavy Duty |
| Staff lunchroom                                                       | Indoors, 0 °C to 40 °C, low UV levels, some exposure to water, mild detergents or household cleaners. No or minimal exposure to rain. No alkaline cleaners.                                                                                                 | Acid       | Neutral | Alkaline   |
| Public eating area                                                    | Indoors or outdoors, ambient air temperature, outdoors may be subjected to high UV levels and rainfall, indoors low UV and moisture, some exposure to water, mild detergents or household cleaners. No alkaline cleaners.                                   | Heavy Duty | Neutral | Acid       |
| Cool room for perishable storage                                      | Indoors, -10 °C to 15 °C, low UV levels, possible moisture or condensation, no or minimal chemicals or detergent exposure, no or minimal exposure to rain.                                                                                                  | Neutral    | Acid    | Heavy Duty |
| Warehouse                                                             | Indoors, ambient air temperature, low UV levels, no exposure to rain, possible impacts from handling equipment. No or minimal exposure to rain.                                                                                                             | Neutral    | Acid    | Heavy Duty |
| Assembly plant or fabrication area                                    | Indoors, ambient air temperature, low UV levels, no exposure to rain, possible impacts from handling equipment. No or minimal exposure to rain.                                                                                                             | Neutral    | Acid    | Heavy Duty |
| Alkali's washdown area (boning rooms, food processing area)           | Indoors, 5 °C to 25 °C, low UV levels, foaming alkaline cleaners, 75 °C high pressure cleaners, prone to condensation.                                                                                                                                      | Alkaline   |         |            |
| Detergent washdown (fast food preparation)                            | Indoors, 5 °C to 25 °C, low UV levels, mild detergents or mild household cleaners, washdown with water, prone to condensation.                                                                                                                              | Alkaline   | Neutral | Acid       |
| Acids or citrus based cleaners (wineries, breweries, coal wash plant) | Indoors or outdoors, ambient temperature of -5 °C to 70 °C, low to high UV levels, acidic chemicals or products, possible exposure to citrus cleaners, washdown with water, no to high exposure to rain or water. No alkaline chemicals or cleaning agents. | Acid       |         |            |
| Bottle or vat sterilising                                             | Indoors, 5 °C to 40 °C, low UV levels, exposure to detergents or sterilising agents, washdown with water, prone to condensation.                                                                                                                            | Alkaline   |         |            |
| Exposure to cooking Oil (chip friers etc.)                            | Indoors, 5 °C to 40 °C, low UV levels, exposure to cooking oils, exposure to detergents or alkali cleaners, washdown with water, prone to condensation. No acid based cleaning agents                                                                       | Alkaline   |         |            |



## Product Selector

| Application                                   | Environment                                                                                                                                                             | Best       | Better     | Good       |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------------|
| Minerals processing or Furnaces               | Indoors, 0 °C to 75 °C, low UV levels, No or minimal exposure to moisture, possible heavy impacts from handling equipment.                                              | Heavy Duty | Acid       | Neutral    |
| Outdoor storage tanks or ponds or silos       | Outdoors, ambient air temperature -15 °C to 75 °C. High UV, possible exposure to acidic chemicals or chlorine, direct exposure to rain. Not DIP or EX.                  | Acid       | Neutral    | Heavy Duty |
| Despatch or vehicle loading or transport area | Indoors/outdoors, ambient air temperature, low to high UV levels, no to high exposure to rain, possible impacts from handling equipment.                                | Neutral    | Heavy Duty | Acid       |
| Staff or public car park                      | Indoors or outdoors, ambient air temperature, low to high UV levels, no to high exposure to rain, may be prone to vandalism.                                            | Heavy Duty | Neutral    | Acid       |
| Toilets/wet areas                             | Indoors, 5 °C to 40 °C, low UV levels, exposure to detergents or alkali cleaners, washdown with water, prone to condensation. No acid based cleaning agents.            | Alkaline   | Neutral    | Acid       |
| Office                                        | Indoors, 0 °C to 40 °C, low UV levels, minimal moisture or condensation, no or limited chemicals or detergent exposure.                                                 | Neutral    | Acid       |            |
| Food preparation area or kitchen              | Indoors, 5 °C to 25 °C, low UV levels, mild detergents, citrus based or household cleaners, washdown with water, prone to condensation. No alkaline cleaners.           | Acid       |            |            |
| Rooftop plant platforms                       | Outdoors, ambient air temperature -15 °C to 75 °C. High UV, direct exposure to rain.                                                                                    | Neutral    | Acid       |            |
| Bottling plant                                | Indoors, ambient air temperature, low UV levels, no exposure to rain, possible impacts from handling equipment. No or minimal exposure to rain.                         | Alkaline   |            |            |
| Swimming pool or growing pond                 | Indoors/outdoors, ambient air temperature -10 °C to 50 °C, low to high UV levels, no to high exposure to rain, may be prone to vandalism, presence of chlorine.         | Neutral    | Acid       | Heavy Duty |
| Boat washdown                                 | Outdoors, ambient air temperature -15 °C to 75 °C. High UV, direct exposure to rain, exposure to salt water.                                                            | Heavy Duty | Neutral    | Acid       |
| Conveyor belt                                 | Indoors or outdoors, ambient air temperature, low to high UV levels, no to high exposure to rain, may be exposed to impacts. Not DIP or EX.                             | Heavy Duty | Neutral    | Acid       |
| Outdoor BBQ's                                 | Outdoors, ambient air temperature -15 °C to 75 °C. High UV, possible exposure to animal fats or cooking oil splash, direct exposure to rain. May be prone to vandalism. | Heavy Duty | Neutral    | Acid       |
| Outdoor lighting                              | Outdoors, ambient air temperature -15 °C to 75 °C. High UV, direct exposure to rain. May be prone to vandalism.                                                         | Heavy Duty | Neutral    | Acid       |



# Product Catalogue

## Neutral



The Neutral range of Clipsal Industrial products are suited for environments that are Chemically Neutral, dusty or clean, wet or dry, Indoors or outdoors (UV resistant).

Some typical applications include: plant rooms, warehouses, workshops, assembly plants, plant platforms, tool rooms, swimming centres, tilt-up buildings, material handling & transport.

If Clipsal industrial products are part of the 'neutral' range they will easily be identified by green circle with neutral text and/or by a green circle with a white hammer (as shown below).



AND / OR



The neutral range encompasses 56 Series Grey (GY) products & 66 Series Resistant Grey (RG) products & 56 Series and 66 Series Electric Orange Plugs (EO). The following section showcases these products in more detail.

## Combination Switched Socket Outlets

The 56 Series range of combination switched socket outlets includes two module units and one-piece cover models. All internal phase connections between switches and sockets are factory wired.

The 4 and 5 pin, 10 A and 20 A one-piece cover models have integral wiring between the switch and socket outlet. The current IP66 retention ring plugs can be accommodated. The 250 V, 110 V, and extra low voltage two module combinations are also available. Versions with key operated switches are available with special order.

Less Enclosure (base) versions are indicated with letters LE in the reference.

Internal interlock facility is available on three phase, one piece cover combinations. These have the prefix 56CVI.

### 1 Piece Cover Models

56 Series



66 Series

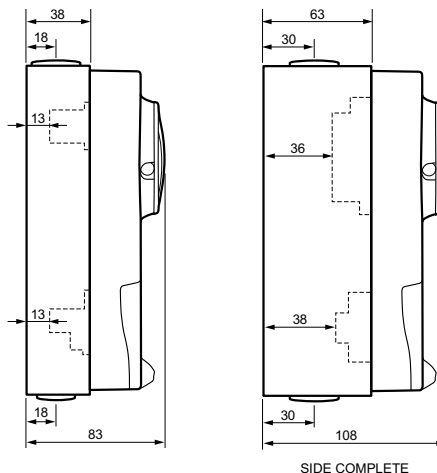
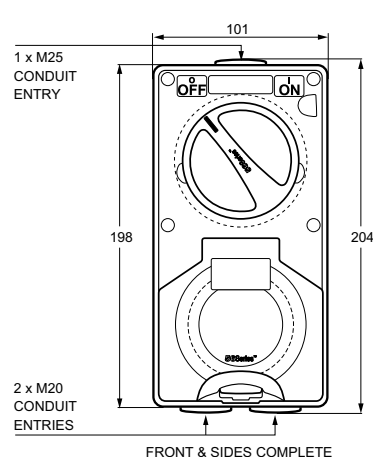




## Neutral - Clipsal 56 Series

| Catalogue Number | No. of switch poles | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Ie (A) Utilisation Category |       |       | M Rating | Type of Socket | Cond. Term Size in mm | O/A Dims.       |     |     | Matching Plug | Socket Config |
|------------------|---------------------|------------------------|----------------|-----------------------------|-------|-------|----------|----------------|-----------------------|-----------------|-----|-----|---------------|---------------|
|                  |                     |                        |                | AC21A                       | AC22A | AC23A |          |                |                       | Min Max / Cond. | (H) | (W) | (D)           |               |
| 56CV310-GY       | 1P                  | 10                     | 250            | 10                          | 8     | 8     | M80      | 1P + N + E     | [1,5,6]               | 204             | 101 | 83  | 56P310        | A             |
| 56CV310HD-GY     | 1P                  | 10                     | 250            | 10                          | 10    | 11    | M100     | 1P + N + E     | [6,16]                | 204             | 101 | 108 | 56P310        | A             |
| 56CV310LE-GY     | 1P                  | 10                     | 250            | 10                          | 8     | 8     | M80      | 1P + N + E     | [1,5,6]               | 204             | 101 | 70  | 56P310        | A             |
| 56CV315-GY       | 1P                  | 15                     | 250            | 15                          | 10    | 8     | M80      | 1P + N + E     | [1,5,6]               | 204             | 101 | 83  | 56P315        | B             |
| 56CV410-GY       | 3P                  | 10                     | 500            | 10                          | 10    | 11    | M100     | 3P + E         | [1,5,16]              | 204             | 101 | 108 | 56P410        | K             |
| 56CV432-GY       | 3P                  | 32                     | 500            | 32                          | 32    | 28    | M180     | 3P + E         | [4,16]                | 204             | 101 | 108 | 56P432        | N             |
| 56CV432LE-GY     | 3P                  | 32                     | 500            | 32                          | 32    | 28    | M180     | 3P + E         | [4,16]                | 204             | 101 | 70  | 56P432        | N             |
| 56CV450-GY       | 3P                  | 50                     | 500            | 50                          | 50    | 35    | M250     | 3P + E         | [10,25]               | 204             | 101 | 108 | 56P450        | P             |
| 56CV510-GY       | 3P                  | 10                     | 500            | 10                          | 10    | 11    | M100     | 3P + N + E     | [1,5,16]              | 204             | 101 | 108 | 56P510        | Q             |
| 56CV520-GY       | 3P                  | 20                     | 500            | 20                          | 20    | 21    | M150     | 3P + N + E     | [2,5,16]              | 204             | 101 | 108 | 56P520        | R             |
| 56CV532-GY       | 3P                  | 32                     | 500            | 32                          | 32    | 28    | M180     | 3P + N + E     | [4,16]                | 204             | 101 | 108 | 56P532        | S             |
| 56CV550-GY       | 3P                  | 50                     | 500            | 50                          | 50    | 35    | M250     | 3P + N + E     | [10,25]               | 204             | 101 | 108 | 56P550        | U             |
| 56CV610-GY       | 3P                  | 10                     | 500            | 10                          | 10    | 11    | M100     | 3P + N + E     | [1,5,16]              | 204             | 101 | 108 | 56P610        | V             |
| 56CV720-GY       | 3P                  | 20                     | 500            | 20                          | 20    | 21    | M150     | 3P + N + E     | [2,5,16]              | 204             | 101 | 108 | 56P720        | X             |
| 56CVI420C-GY     | 3P                  | 20                     | 500            | 20                          | 20    | 21    | M150     | 3P + E         | [2,5,16]              | 204             | 101 | 108 | 56P420        | L             |
| 56CVI420-GY      | 3P                  | 20                     | 500            | 20                          | 20    | 21    | M150     | 3P + E         | [2,5,16]              | 204             | 101 | 108 | 56P420        | L             |
| 56CVI440-GY      | 3P                  | 40                     | 500            | 40                          | 40    | 35    | M200     | 3P + E         | [10,25]               | 204             | 101 | 108 | 56P440        | O             |
| 56CVI520C-GY     | 3P                  | 20                     | 500            | 20                          | 20    | 21    | M150     | 3P + N + E     | [2,5,16]              | 204             | 101 | 108 | 56P520        | R             |
| 56CVI520-GY      | 3P                  | 20                     | 500            | 20                          | 20    | 21    | M150     | 3P + N + E     | [2,5,16]              | 204             | 101 | 108 | 56P520        | R             |
| 56CVI532-GY      | 3P                  | 32                     | 500            | 32                          | 32    | 28    | M180     | 3P + N + E     | [4,16]                | 204             | 101 | 108 | 56P532        | S             |
| 56K1CV310-GY     | 1P                  | 10                     | 250            | #N/A                        | #N/A  | #N/A  | #N/A     | 1P + N + E     | [1,5,6]               | 204             | 101 | 85  | 56P310        | #N/A          |

## Dimensions (mm)

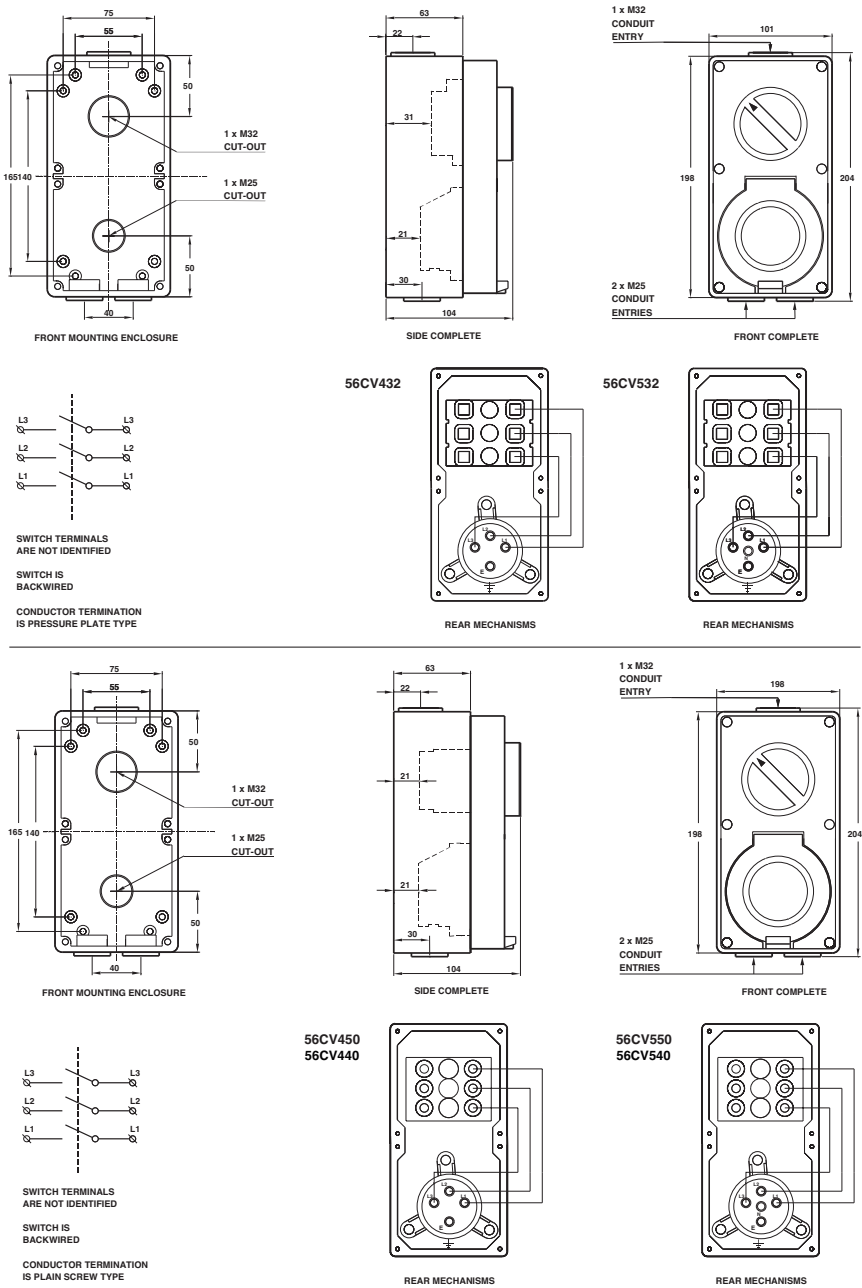


56CV310  
56CV310HD  
56CV315  
56CV315HD  
56CV320  
56CV332  
56CV410  
56CV416K  
56CV420  
56CV432  
56CV440  
56CV450  
56CV510  
56CV520  
56CV532  
56CV540  
56CV550  
56CV610  
56CV710  
56CV720

Neutral - Clipsal 66 Series

| Catalogue Number | No. of Switch Poles | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Ie (A) Utilisation Category |       |       | Type of Socket | Cond. Term Size in mm | O/A Dims. |                 |     | Matching Plug |
|------------------|---------------------|------------------------|----------------|-----------------------------|-------|-------|----------------|-----------------------|-----------|-----------------|-----|---------------|
|                  |                     |                        |                | AC21A                       | AC22A | AC23A |                |                       | Min       | Max / Cond. (H) | (W) | (D)           |
| 66CV463-RG       | 3P                  | 63                     | 500            | 63                          | 63    | 50    | 1P + N + E     | [16,35]               | 320       | 160             | 215 | 66P463        |
| 66CV563-RG       | 3P                  | 63                     | 500            | 63                          | 63    | 50    | 1P + N + E     | [16,35]               | 320       | 160             | 215 | 66P563        |
| 66CV750-RG       | 3P                  | 50                     | 500            | 63                          | 63    | 40    | 1P + N + E     | [10,25/2.5]           | 320       | 160             | 215 | 66P750        |

Dimensions (mm)





## 2 Piece Cover Models



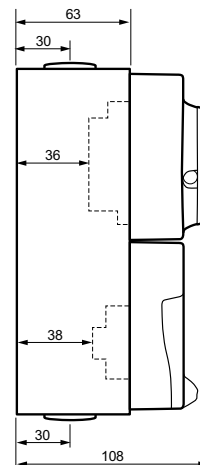
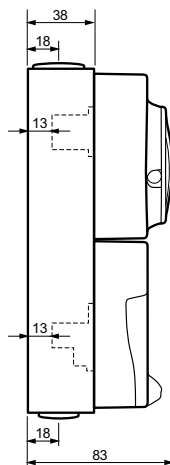
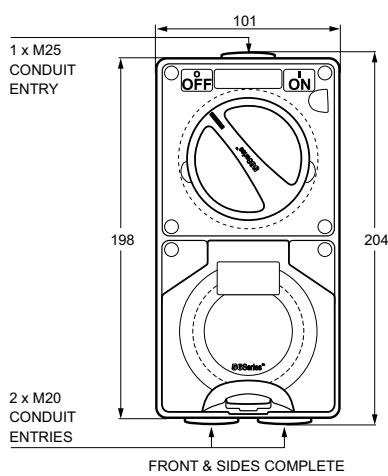
### Neutral - Clipsal 56 Series

| Catalogue Number | No. of Switch Poles | I <sub>the</sub> (Amp) | U <sub>i</sub> / U <sub>e</sub> (Volt) | I <sub>e</sub> (A) Utilisation Category |       |       | M Rating | Type of Socket | Cond. Term Size in mm | O/A Dims. |           |     | Matching Plug | Socket Config |
|------------------|---------------------|------------------------|----------------------------------------|-----------------------------------------|-------|-------|----------|----------------|-----------------------|-----------|-----------|-----|---------------|---------------|
|                  |                     |                        |                                        | AC21A                                   | AC22A | AC23A |          |                |                       | Min       | Max / (H) | (W) | (D)           |               |
| 56C210-GY        | 2P                  | 10                     | 250                                    | 10                                      | 8     | 8     | M80      | 1P + N         | [1.5,6]               | 204       | 101       | 83  | 56P210        | D             |
| 56C215/32-GY     | 2P                  | 15                     | 32                                     | 15                                      | 10    | 8     | M80      | 1P + N         | [1.5,6]               | 204       | 101       | 83  | 56P215/32     | E             |
| 56C3/110-GY      | 1P                  | 10                     | 110                                    | 10                                      | 8     | 8     | M80      | 1P + N + E     | [1.5,6]               | 204       | 101       | 83  | 56P3/110      | J             |
| 56C310D-GY       | 1P                  | 10                     | 250                                    | 10                                      | 10    | 11    | M100     | 1P + N + E     | [1.5,6]               | 204       | 101       | 83  | 56P310        | A             |
| 56C310DLE-GY     | 1P                  | 10                     | 250                                    | 10                                      | 10    | 11    | M100     | 1P + N + E     | [1.5,6]               | 204       | 101       | 70  | 56P310        | A             |
| 56C310-GY        | 1P                  | 10                     | 250                                    | 10                                      | 8     | 8     | M80      | 1P + N + E     | [1.5,6]               | 204       | 101       | 83  | 56P310        | A             |
| 56C310HD-GY      | 1P                  | 10                     | 250                                    | 10                                      | 10    | 11    | M100     | 1P + N + E     | [1.5,16]              | 204       | 101       | 108 | 56P310        | A             |
| 56C310HDLE-GY    | 1P                  | 10                     | 250                                    | 10                                      | 10    | 11    | M100     | 1P + N + E     | [1.5,16]              | 204       | 101       | 72  | 56P310        | A             |
| 56C310LE-GY      | 1P                  | 10                     | 250                                    | 10                                      | 8     | 8     | M80      | 1P + N + E     | [1.5,6]               | 204       | 101       | 70  | 56P310        | A             |
| 56C310L-GY       | 1P                  | 10                     | 250                                    | 10                                      | 8     | 8     | M80      | 1P + N + E     | [1.5,6]               | 204       | 101       | 83  | 56P310SL      | C             |
| 56C310LLE-GY     | 1P                  | 10                     | 250                                    | 10                                      | 8     | 8     | M80      | 1P + N + E     | [1.5,6]               | 204       | 101       | 70  | 56P310SL      | C             |
| 56C310RP-GY      | 1P                  | 10                     | 250                                    | 10                                      | 8     | 8     | M80      | 1P + N + E     | [1.5,6]               | 204       | 101       | 83  | 56P310RP      | G             |
| 56C313-GY        | 1P                  | 13                     | 250                                    | #N/A                                    | #N/A  | #N/A  | #N/A     | 1P + N + E     | [1.5,6]               | 204       | 101       | 83  | 56P313        | #N/A          |
| 56C315D-GY       | 1P                  | 15                     | 250                                    | 15                                      | 15    | 15    | M120     | 1P + N + E     | [1.5,6]               | 204       | 101       | 83  | 56P315        | B             |
| 56C315DLE-GY     | 1P                  | 15                     | 250                                    | 15                                      | 15    | 15    | M120     | 1P + N + E     | [1.5,6]               | 204       | 101       | 70  | 56P315        | B             |
| 56C315-GY        | 1P                  | 15                     | 250                                    | 15                                      | 10    | 8     | M80      | 1P + N + E     | [1.5,6]               | 204       | 101       | 83  | 56P315        | B             |
| 56C315HD-GY      | 1P                  | 15                     | 250                                    | 15                                      | 15    | 15    | M120     | 1P + N + E     | [1.5,6]               | 204       | 101       | 108 | 56P315        | B             |
| 56C315HDLE-GY    | 1P                  | 15                     | 250                                    | 15                                      | 15    | 15    | M120     | 1P + N + E     | [1.5,6]               | 204       | 101       | 72  | 56P315        | B             |
| 56C315LE-GY      | 1P                  | 15                     | 250                                    | 15                                      | 10    | 8     | M80      | 1P + N + E     | [1.5,6]               | 204       | 101       | 70  | 56P315        | B             |
| 56C320F-GY       | 1P                  | 20                     | 250                                    | 20                                      | 20    | 20    | M150     | 1P + N + E     | [2.5,6]               | 204       | 101       | 108 | 56P320F       | F             |
| 56C320FLE-GY     | 1P                  | 20                     | 250                                    | 20                                      | 20    | 20    | M150     | 1P + N + E     | [2.5,6]               | 204       | 101       | 72  | 56P320F       | F             |
| 56C320-GY        | 1P                  | 20                     | 250                                    | 20                                      | 20    | 21    | M150     | 1P + N + E     | [2.5,6]               | 204       | 101       | 108 | 56P320        | H             |
| 56C332-GY        | 1P                  | 32                     | 250                                    | 32                                      | 32    | 28    | M180     | 1P + N + E     | [6,16]                | 204       | 101       | 108 | 56P332        | I             |
| 56C332LE-GY      | 1P                  | 32                     | 250                                    | 32                                      | 32    | 28    | M180     | 1P + N + E     | [6,16]                | 204       | 101       | 72  | 56P332        | I             |
| 56C410-GY        | 3P                  | 10                     | 500                                    | 10                                      | 10    | 11    | M100     | 3P + E         | [1.5,6]               | 204       | 101       | 108 | 56P410        | K             |
| 56C410LE-GY      | 3P                  | 10                     | 500                                    | 10                                      | 10    | 11    | M100     | 3P + E         | [1.5,6]               | 204       | 101       | 72  | 56P410        | K             |
| 56C416K-GY       | 3P                  | 16                     | 500                                    | 16                                      | 16    | 15    | M120     | 3P + E         | [1.5,6]               | 204       | 101       | 108 | 56P416K       | M             |
| 56C420-GY        | 3P                  | 20                     | 500                                    | 20                                      | 20    | 21    | M150     | 3P + E         | [2.5,6]               | 204       | 101       | 108 | 56P420        | L             |
| 56C420LE-GY      | 3P                  | 20                     | 500                                    | 20                                      | 20    | 21    | M150     | 3P + E         | [2.5,6]               | 204       | 101       | 72  | 56P420        | L             |
| 56C432-GY        | 3P                  | 32                     | 500                                    | 32                                      | 32    | 28    | M180     | 3P + E         | [6,16]                | 204       | 101       | 108 | 56P432        | N             |
| 56C432LE-GY      | 3P                  | 32                     | 500                                    | 32                                      | 32    | 28    | M180     | 3P + E         | [6,16]                | 204       | 101       | 72  | 56P432        | N             |
| 56C440-GY        | 3P                  | 40                     | 500                                    | 40                                      | 40    | 35    | M200     | 3P + E         | [10,16]               | 204       | 101       | 108 | 56P440        | O             |

## Neutral - Clipsal 56 Series

| Catalogue Number | No. of Switch Poles | I <sub>the</sub> (Amp) | U <sub>i</sub> / U <sub>e</sub> (Volt) | I <sub>e</sub> (A) Utilisation Category |    |    | M Rating | Type of Socket | Cond. Term Size in mm | O/A Dims. |     |     | Matching Plug | Socket Config |
|------------------|---------------------|------------------------|----------------------------------------|-----------------------------------------|----|----|----------|----------------|-----------------------|-----------|-----|-----|---------------|---------------|
|                  |                     |                        |                                        |                                         |    |    |          |                | Min                   | Max /     | (H) | (W) | (D)           |               |
|                  |                     |                        |                                        |                                         |    |    |          |                | Cond.                 |           |     |     |               |               |
| 56C450-GY        | 3P                  | 50                     | 500                                    | 50                                      | 50 | 35 | M250     | 3P + E         | [10,16]               | 204       | 101 | 108 | 56P450        | P             |
| 56C510-GY        | 3P                  | 10                     | 500                                    | 10                                      | 10 | 11 | M100     | 3P + N + E     | [1.5,6]               | 204       | 101 | 108 | 56P510        | Q             |
| 56C510LE-GY      | 3P                  | 10                     | 500                                    | 10                                      | 10 | 11 | M100     | 3P + N + E     | [1.5,6]               | 204       | 101 | 72  | 56P510        | Q             |
| 56C520-GY        | 3P                  | 20                     | 500                                    | 20                                      | 20 | 21 | M150     | 3P + N + E     | [2.5,6]               | 204       | 101 | 108 | 56P520        | R             |
| 56C520LE-GY      | 3P                  | 20                     | 500                                    | 20                                      | 20 | 21 | M150     | 3P + N + E     | [2.5,6]               | 204       | 101 | 72  | 56P520        | R             |
| 56C532-GY        | 3P                  | 32                     | 500                                    | 32                                      | 32 | 28 | M180     | 3P + N + E     | [4,16]                | 204       | 101 | 108 | 56P532        | S             |
| 56C532LE-GY      | 3P                  | 32                     | 500                                    | 32                                      | 32 | 28 | M180     | 3P + N + E     | [4,16]                | 204       | 101 | 72  | 56P532        | S             |
| 56C540-GY        | 3P                  | 40                     | 500                                    | 40                                      | 40 | 35 | M200     | 3P + N + E     | [10,16]               | 204       | 101 | 108 | 56P540        | T             |
| 56C550-GY        | 3P                  | 50                     | 500                                    | 50                                      | 50 | 35 | M250     | 3P + N + E     | [10,16]               | 204       | 101 | 108 | 56P550        | U             |
| 56C610-GY        | 3P                  | 10                     | 500                                    | 10                                      | 10 | 11 | M100     | 3P + N + E     | [1.5,6/2.5]           | 204       | 101 | 108 | 56P610        | V             |
| 56C710-GY        | 3P                  | 10                     | 500                                    | 10                                      | 10 | 11 | M100     | 3P + N + E     | [1.5,6/2.5]           | 204       | 101 | 108 | 56P710        | W             |
| 56C720-GY        | 3P                  | 20                     | 500                                    | 20                                      | 20 | 21 | M150     | 3P + N + E     | [1.5,6/2.5]           | 204       | 101 | 108 | 56P720        | X             |

## Dimensions (mm)



56C210  
56C215/32  
56C3/110  
56C310  
56C310HD  
56C313  
56C315  
56C315HD  
56C320  
56C332  
56C310D  
56C315D  
56C410  
56C416K  
56C420  
56C432  
56C440  
56C450  
56C510  
56C520  
56C532  
56C540  
56C550  
56C610  
56C710  
56C720

## Surface Socket Outlets

Surface Socket Outlets range in size from 32 V, 10 A to 500 V, 50 A. All sockets feature hoseproof and dust resistant flaps with automatic snap catch latches. The transparent flap enables instant visual inspection of socket condition and pin configuration.

The full range of sockets accommodates the current IP66 retention ring plugs in order to rationalise the number of variations required. Earth and neutral connectors accommodating 3 x 6 mm<sup>2</sup> cable are supplied with all 500 V models. Terminal housings are moulded in tough polyester to minimise damage.

Less Enclosure (base) versions are indicated by the letters LE in the reference.



### Neutral - Clipsal 56 Series

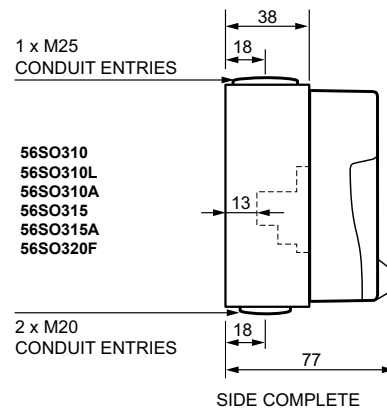
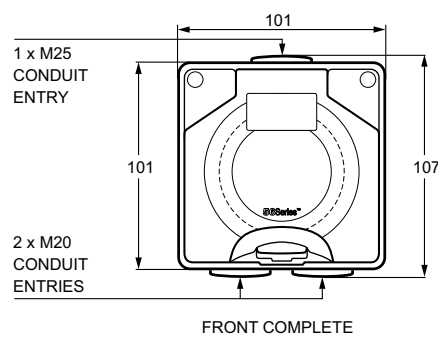
| Catalogue Number | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Type of Socket | Cond. Term Size in mm |             | O/A Dims. |     |     | Colour | Matching Plug | Socket Config |
|------------------|------------------------|----------------|----------------|-----------------------|-------------|-----------|-----|-----|--------|---------------|---------------|
|                  |                        |                |                | Min                   | Max / Cond. | (H)       | (W) | (D) |        |               |               |
| 56SO210-GY       | 10                     | 250            | 1P + N         | [1,5,6]               |             | 107       | 101 | 77  | Grey   | 56P210        | D             |
| 56SO210LE-GY     | 10                     | 250            | 1P + N         | [1,5,6]               |             | 107       | 101 | 55  | Grey   | 56P210        | D             |
| 56SO215/32-GY    | 15                     | 32             | 1P + N         | [1,5,6]               |             | 107       | 101 | 77  | Grey   | 56P215/32     | E             |
| 56SO215/32LE-GY  | 15                     | 32             | 1P + N         | [1,5,6]               |             | 107       | 101 | 55  | Grey   | 56P215/32     | E             |
| 56SO3/110-GY     | 10                     | 110            | 1P + N + E     | [1,5,6]               |             | 107       | 101 | 77  | Grey   | 56P3/110      | J             |
| 56SO3/110LE-GY   | 10                     | 110            | 1P + N + E     | [1,5,6]               |             | 107       | 101 | 55  | Grey   | 56P3/110      | J             |
| 56SO310ADLE-GY   | 10                     | 250            | 1P + N + E     | [1,5,6]               |             | 107       | 101 | 64  | Grey   | 56P310        | A             |
| 56SO310A-GY      | 10                     | 250            | 1P + N + E     | [1,5,6]               |             | 107       | 101 | 77  | Grey   | 56P310        | A             |
| 56SO310ALE-GY    | 10                     | 250            | 1P + N + E     | [1,5,6]               |             | 107       | 101 | 64  | Grey   | 56P310        | A             |
| 56SO310AL-GY     | 10                     | 250            | 1P + N + E     | [1,5,6]               |             | 107       | 101 | 77  | Grey   | 56P310L       | C             |
| 56SO310ALLE-GY   | 10                     | 250            | 1P + N + E     | [1,5,6]               |             | 107       | 101 | 64  | Grey   | 56P310L       | C             |
| 56SO310-GY       | 10                     | 250            | 1P + N + E     | [1,5,6]               |             | 107       | 101 | 77  | Grey   | 56P310        | A             |
| 56SO310LE-GY     | 10                     | 250            | 1P + N + E     | [1,5,6]               |             | 107       | 101 | 64  | Grey   | 56P310        | A             |
| 56SO310L-GY      | 10                     | 250            | 1P + N + E     | [1,5,6]               |             | 107       | 101 | 77  | Grey   | 56P310L       | C             |
| 56SO310LLE-GY    | 10                     | 250            | 1P + N + E     | [1,5,6]               |             | 107       | 101 | 64  | Grey   | 56P310L       | C             |
| 56SO310RP-GY     | 10                     | 250            | 1P + N + E     | [1,5,6]               |             | 107       | 101 | 77  | Grey   | 56P310RP      | G             |
| 56SO310RPLE-GY   | 10                     | 250            | 1P + N + E     | [1,5,6]               |             | 107       | 101 | 55  | Grey   | 56P310RP      | G             |
| 56SO315A-GY      | 15                     | 250            | 1P + N + E     | [2,5,6]               |             | 107       | 101 | 77  | Grey   | 56P315        | B             |
| 56SO315ALE-GY    | 15                     | 250            | 1P + N + E     | [2,5,6]               |             | 107       | 101 | 64  | Grey   | 56P315        | B             |
| 56SO315-GY       | 15                     | 250            | 1P + N + E     | [2,5,6]               |             | 107       | 101 | 77  | Grey   | 56P315        | B             |
| 56SO315LE-GY     | 15                     | 250            | 1P + N + E     | [2,5,6]               |             | 107       | 101 | 64  | Grey   | 56P315        | B             |
| 56SO320AF-GY     | 20                     | 250            | 1P + N + E     | [2,5,6]               |             | 107       | 101 | 77  | Grey   | 56P320F       | F             |
| 56SO320F-GY      | 20                     | 250            | 1P + N + E     | [2,5,6]               |             | 107       | 101 | 77  | Grey   | 56P320F       | F             |
| 56SO320FLE-GY    | 20                     | 250            | 1P + N + E     | [2,5,6]               |             | 107       | 101 | 64  | Grey   | 56P320F       | F             |
| 56SO320-GY       | 20                     | 250            | 1P + N + E     | [2,5,6]               |             | 107       | 101 | 102 | Grey   | 56P320        | H             |
| 56SO320LE-GY     | 20                     | 250            | 1P + N + E     | [2,5,6]               |             | 107       | 101 | 71  | Grey   | 56P320        | H             |
| 56SO332-GY       | 32                     | 250            | 1P + N + E     | [6,16]                |             | 107       | 101 | 102 | Grey   | 56P332        | I             |
| 56SO332LE-GY     | 32                     | 250            | 1P + N + E     | [6,16]                |             | 107       | 101 | 74  | Grey   | 56P332        | I             |
| 56SO410-GY       | 10                     | 500            | 3P + E         | [1,5,6]               |             | 107       | 101 | 102 | Grey   | 56P410        | K             |
| 56SO410LE-GY     | 10                     | 500            | 3P + E         | [1,5,6]               |             | 107       | 101 | 71  | Grey   | 56P410        | K             |
| 56SO416K-GY      | 16                     | 500            | 3P + E         | [1,5,6]               |             | 107       | 101 | 102 | Grey   | 56P416K       | M             |
| 56SO416KLE-GY    | 16                     | 500            | 3P + E         | [1,5,6]               |             | 107       | 101 | 71  | Grey   | 56P416K       | M             |
| 56SO420-GY       | 20                     | 500            | 3P + E         | [2,5,6]               |             | 107       | 101 | 102 | Grey   | 56P420        | L             |
| 56SO420LE-GY     | 20                     | 500            | 3P + E         | [2,5,6]               |             | 107       | 101 | 71  | Grey   | 56P420        | L             |
| 56SO432-GY       | 32                     | 500            | 3P + E         | [4,16]                |             | 107       | 101 | 102 | Grey   | 56P432        | N             |



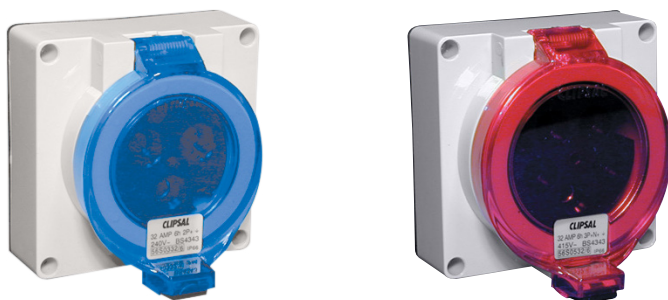
## Neutral - Clipsal 56 Series

| Catalogue Number | I <sub>the</sub><br>(Amp) | Ui / Ue<br>(Volt) | Type of Socket | Cond. Term Size<br>in mm |             | O/A Dims. |     |     | Colour | Matching Plug | Socket Config |
|------------------|---------------------------|-------------------|----------------|--------------------------|-------------|-----------|-----|-----|--------|---------------|---------------|
|                  |                           |                   |                | Min                      | Max / Cond. | (H)       | (W) | (D) |        |               |               |
| 56SO432LE-GY     | 32                        | 500               | 3P + E         | [4,16]                   |             | 107       | 101 | 74  | Grey   | 56P432        | N             |
| 56SO440-GY       | 40                        | 500               | 3P + E         | [6,16]                   |             | 107       | 101 | 102 | Grey   | 56P440        | O             |
| 56SO440LE-GY     | 40                        | 500               | 3P + E         | [6,16]                   |             | 107       | 101 | 74  | Grey   | 56P440        | O             |
| 56SO450-GY       | 50                        | 500               | 3P + E         | [10,16]                  |             | 107       | 101 | 102 | Grey   | 56P450        | P             |
| 56SO450LE-GY     | 50                        | 500               | 3P + E         | [10,16]                  |             | 107       | 101 | 74  | Grey   | 56P450        | P             |
| 56SO510-GY       | 10                        | 500               | 3P + N + E     | [1.5,6]                  |             | 107       | 101 | 102 | Grey   | 56P510        | Q             |
| 56SO510LE-GY     | 10                        | 500               | 3P + N + E     | [1.5,6]                  |             | 107       | 101 | 71  | Grey   | 56P510        | Q             |
| 56SO520-GY       | 20                        | 500               | 3P + N + E     | [2.5,6]                  |             | 107       | 101 | 102 | Grey   | 56P520        | R             |
| 56SO520LE-GY     | 20                        | 500               | 3P + N + E     | [2.5,6]                  |             | 107       | 101 | 71  | Grey   | 56P520        | R             |
| 56SO532-GY       | 32                        | 500               | 3P + N + E     | [4,16]                   |             | 107       | 101 | 102 | Grey   | 56P532        | S             |
| 56SO532LE-GY     | 32                        | 500               | 3P + N + E     | [4,16]                   |             | 107       | 101 | 74  | Grey   | 56P532        | S             |
| 56SO540-GY       | 40                        | 500               | 3P + N + E     | [6,16]                   |             | 107       | 101 | 102 | Grey   | 56P540        | T             |
| 56SO540LE-GY     | 40                        | 500               | 3P + N + E     | [6,16]                   |             | 107       | 101 | 74  | Grey   | 56P540        | T             |
| 56SO550-GY       | 50                        | 500               | 3P + N + E     | [10,16]                  |             | 107       | 101 | 102 | Grey   | 56P550        | U             |
| 56SO550LE-GY     | 50                        | 500               | 3P + N + E     | [10,16]                  |             | 107       | 101 | 74  | Grey   | 56P550        | U             |
| 56SO610-GY       | 10                        | 500               | 3P + N + E     | [1.5,6/2.5]              |             | 107       | 101 | 102 | Grey   | 56P610        | V             |
| 56SO710-GY       | 10                        | 500               | 3P + N + E     | [1.5,6/2.5]              |             | 107       | 101 | 102 | Grey   | 56P710        | W             |
| 56SO710LE-GY     | 10                        | 500               | 3P + N + E     | [1.5,6/2.5]              |             | 107       | 101 | 71  | Grey   | 56P710        | W             |
| 56SO720-GY       | 20                        | 500               | 3P + N + E     | [2.5,6/2.5]              |             | 107       | 101 | 102 | Grey   | 56P720        | X             |
| 56SO720LE-GY     | 20                        | 500               | 3P + N + E     | [2.5,6/2.5]              |             | 107       | 101 | 71  | Grey   | 56P720        | X             |

## Dimensions (mm)



## IEC Surface Sockets



## IEC 56 Series

| Catalogue Number | I <sub>the</sub><br>(Amp) | U <sub>i</sub> / U <sub>e</sub><br>(Volt) | Type of Socket | Cond. Term Size in mm |             | O/A Dims. |     |     | Colour | Matching Plug | Socket Config |
|------------------|---------------------------|-------------------------------------------|----------------|-----------------------|-------------|-----------|-----|-----|--------|---------------|---------------|
|                  |                           |                                           |                | Min                   | Max / Cond. | (H)       | (W) | (D) |        |               |               |
| 56SO316/6LE-GY   | 16                        | 250                                       | 1P + N + E     | 0                     |             | 107       | 101 | 0   | Grey   | 0             | #N/A          |
| 56SO332/6LE-GY   | 32                        | 250                                       | 1P + N + E     | 0                     |             | 107       | 101 | 0   | Grey   | 0             | #N/A          |
| 56SO432/3LE-GY   | 32                        | 500                                       | 3P + E         | 0                     |             | 107       | 101 | 0   | Grey   | 0             | #N/A          |
| 56SO516/6LE-GY   | 16                        | 500                                       | 3P + N + E     | 0                     |             | 107       | 101 | 0   | Grey   | 0             | #N/A          |
| 56SO532/6-GY     | 32                        | 500                                       | 3P + N + E     | 0                     |             | 107       | 101 | 0   | Grey   | 0             | #N/A          |
| 56SO532/6LE-GY   | 32                        | 500                                       | 3P + N + E     | 0                     |             | 107       | 101 | 0   | Grey   | 0             | #N/A          |

The Clipsal 67 Series and Schneider Pratika ranges also offer IEC options to consider. For more information refer to your Clipsal and Schneider Electric representative.

# Switches

## Surface Switches

56 Series Surface Switches are available from 250 V, 10 A to 500 V, 63 A. They incorporate a positive, rotary switch action. 'ON' and 'OFF' positions are clearly marked and there is provision for two padlocks. Hole diameter is 8 mm. If locking is required in the 'ON' position, simply drill a hole where necessary. To provide easier wiring of the 56 Series, Three Pole 63 A Switch, a deeper two gang enclosure and centrally mounted option (Cat. No. 56SW363/2), allows additional room for wiring associated with this application.

Earth and neutral connectors accommodating 3 x 6 mm<sup>2</sup> cables are supplied with all products above 20 A. All 63 A switches come with the facility to fit auxiliary micro switch 56SWAUX15.

### Note:

- AC utilisation categories to AS/NZS3947.3,  $I_{the}$  - Conventional Enclosed Thermal Current,  $I_e$  - Operational Current,  $U_i$  - Insulation Voltage,  $U_e$  - Operational Voltage.
- For Fluorescent Loads use 56SW110HD or 56SW115HD instead of 56SW110 or 56SW115.
- Less Enclosure (base) versions are indicated with the letters LE in the reference.



## Neutral - Clipsal 56 Series

| Catalogue Number | No. of Switch Poles | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Ie (A) Utilisation Category |       |       | M Rating | Cond. Term Size in mm |     | O/A Dims. |     |      | Colour |
|------------------|---------------------|------------------------|----------------|-----------------------------|-------|-------|----------|-----------------------|-----|-----------|-----|------|--------|
|                  |                     |                        |                | AC21A                       | AC22A | AC23A |          | Min Max / Cond. (H)   |     | (W)       | (D) |      |        |
| 56SW110/I-GY     | 1P                  | 10                     | 250            | 10                          | 8     | 8     | M80      | [1,5,6]               | 107 | 101       | 83  | Grey |        |
| 56SW110/2-GY     | 1P                  | 10                     | 250            | 10                          | 8     | 8     | M80      | [1,5,6]               | 107 | 101       | 83  | Grey |        |
| 56SW110/2LE-GY   | 1P                  | 10                     | 250            | 10                          | 8     | 8     | M80      | [1,5,6]               | 107 | 101       | 70  | Grey |        |
| 56SW110-GY       | 1P                  | 10                     | 250            | 10                          | 8     | 8     | M80      | [1,5,6]               | 107 | 101       | 83  | Grey |        |
| 56SW110LE-GY     | 1P                  | 10                     | 250            | 10                          | 8     | 8     | M80      | [1,5,6]               | 107 | 101       | 70  | Grey |        |
| 56SW110HD-GY     | 1P                  | 10                     | 250            | 10                          | 10    | 10    | M100     | [6,16]                | 107 | 101       | 108 | Grey |        |
| 56SW110HDLE-GY   | 1P                  | 10                     | 250            | 10                          | 10    | 10    | M100     | [6,16]                | 107 | 101       | 72  | Grey |        |
| 56SW115/2-GY     | 1P                  | 15                     | 250            | 15                          | 8     | 8     | M80      | [1,5,6]               | 107 | 101       | 83  | Grey |        |
| 56SW115/2LE-GY   | 1P                  | 15                     | 250            | 15                          | 8     | 8     | M80      | [1,5,6]               | 107 | 101       | 70  | Grey |        |
| 56SW115-GY       | 1P                  | 15                     | 250            | 15                          | 8     | 8     | M80      | [1,5,6]               | 107 | 101       | 83  | Grey |        |
| 56SW115HD-GY     | 1P                  | 15                     | 250            | 15                          | 15    | 15    | M100     | [6,16]                | 107 | 101       | 108 | Grey |        |
| 56SW115LE-GY     | 1P                  | 15                     | 250            | 15                          | 8     | 8     | M80      | [1,5,6]               | 107 | 101       | 70  | Grey |        |
| 56SW120-GY       | 1P                  | 20                     | 250            | 20                          | 20    | 20    | M150     | [2,5,16]              | 107 | 101       | 108 | Grey |        |
| 56SW120LE-GY     | 1P                  | 20                     | 250            | 20                          | 20    | 20    | M150     | [2,5,16]              | 107 | 101       | 72  | Grey |        |
| 56SW132-GY       | 1P                  | 32                     | 250            | 32                          | 32    | 28    | M180     | [4,16]                | 107 | 101       | 108 | Grey |        |
| 56SW132LE-GY     | 1P                  | 32                     | 250            | 32                          | 32    | 28    | M180     | [4,16]                | 107 | 101       | 72  | Grey |        |
| 56SW150-GY       | 1P                  | 50                     | 250            | 50                          | 50    | 25    | M250     | [10,25]               | 107 | 101       | 108 | Grey |        |
| 56SW150LE-GY     | 1P                  | 50                     | 250            | 50                          | 50    | 25    | M250     | [10,25]               | 107 | 101       | 72  | Grey |        |
| 56SW163-GY       | 1P                  | 63                     | 250            | 63                          | 63    | 25    | M300     | [16,25]               | 107 | 101       | 108 | Grey |        |
| 56SW210/2-GY     | 2P                  | 10                     | 250            | 0                           | 0     | 0     | M40      | [0,75,6]              | 107 | 101       | 83  | Grey |        |
| 56SW220-GY       | 2P                  | 20                     | 250            | 20                          | 20    | 20    | M150     | [2,5,16]              | 107 | 101       | 108 | Grey |        |
| 56SW220LE-GY     | 2P                  | 20                     | 250            | 20                          | 20    | 20    | M150     | [2,5,16]              | 107 | 101       | 72  | Grey |        |
| 56SW232-GY       | 2P                  | 32                     | 250            | 32                          | 32    | 28    | M180     | [4,16]                | 107 | 101       | 108 | Grey |        |
| 56SW232LE-GY     | 2P                  | 32                     | 250            | 32                          | 32    | 28    | M180     | [4,16]                | 107 | 101       | 72  | Grey |        |
| 56SW250-GY       | 2P                  | 50                     | 250            | 50                          | 50    | 25    | M250     | [10,25]               | 107 | 101       | 108 | Grey |        |
| 56SW250LE-GY     | 2P                  | 50                     | 250            | 50                          | 50    | 25    | M250     | [10,25]               | 107 | 101       | 72  | Grey |        |

/2 = all products with /2 reference have 2 way switching capability  
All HD reference products provided with Heavy Duty terminal block



## Neutral - Clipsal 56 Series

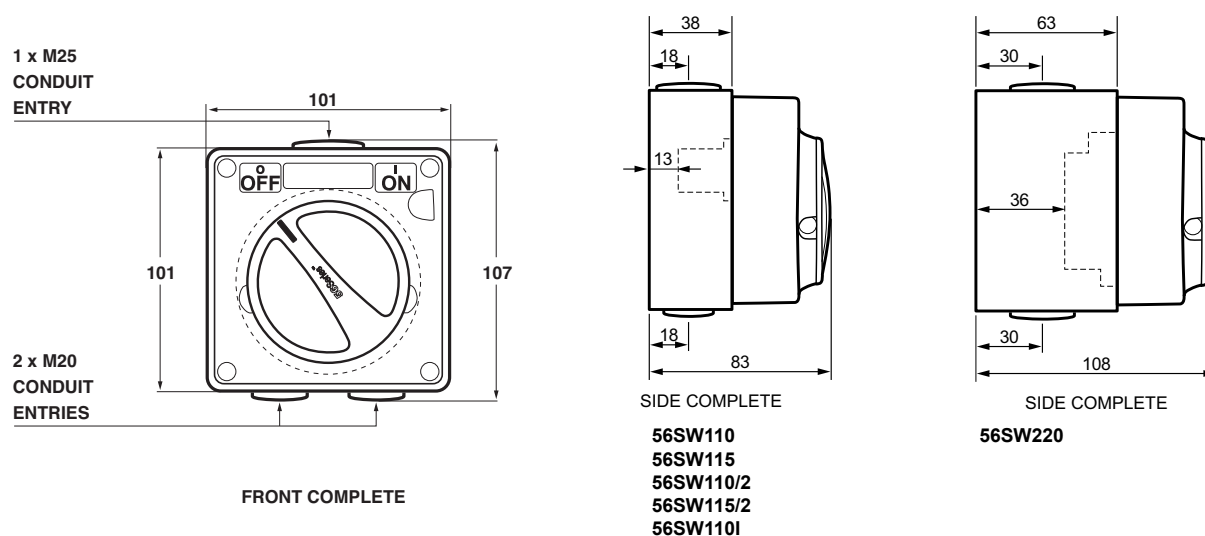
| Catalogue Number | No. of Switch Poles | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Ie (A) Utilisation Category |       |       | M Rating | Cond. Term Size in mm | O/A Dims. |                 |     | Colour |
|------------------|---------------------|------------------------|----------------|-----------------------------|-------|-------|----------|-----------------------|-----------|-----------------|-----|--------|
|                  |                     |                        |                | AC21A                       | AC22A | AC23A |          |                       | Min       | Max / Cond. (H) | (W) | (D)    |
| 56SW263-GY       | 2P                  | 63                     | 250            | 63                          | 63    | 25    | M300     | [16,25]               | 107       | 101             | 108 | Grey   |
| 56SW310-GY       | 3P                  | 10                     | 500            | 10                          | 10    | 10    | M100     | [1.5,16]              | 107       | 101             | 108 | Grey   |
| 56SW310LE-GY     | 3P                  | 10                     | 500            | 10                          | 10    | 10    | M100     | [1.5,16]              | 107       | 101             | 72  | Grey   |
| 56SW320CX-GY     | 3P                  | 20                     | 500            | 20                          | 20    | 20    | M150     | [2.5,16]              | 107       | 101             | 108 | Grey   |
| 56SW320CXLE-GY   | 3P                  | 20                     | 500            | 20                          | 20    | 20    | M150     | [2.5,16]              | 107       | 101             | 72  | Grey   |
| 56SW320-GY       | 3P                  | 20                     | 500            | 20                          | 20    | 20    | M150     | [2.5,16]              | 107       | 101             | 108 | Grey   |
| 56SW320LE-GY     | 3P                  | 20                     | 500            | 20                          | 20    | 20    | M150     | [2.5,16]              | 107       | 101             | 72  | Grey   |
| 56SW332CX-GY     | 3P                  | 32                     | 500            | 32                          | 32    | 28    | M180     | [4,16]                | 107       | 101             | 108 | Grey   |
| 56SW332CXLE-GY   | 3P                  | 32                     | 500            | 32                          | 32    | 28    | M180     | [4,16]                | 107       | 101             | 72  | Grey   |
| 56SW332-GY       | 3P                  | 32                     | 500            | 32                          | 32    | 28    | M180     | [4,16]                | 107       | 101             | 108 | Grey   |
| 56SW332LE-GY     | 3P                  | 32                     | 500            | 32                          | 32    | 28    | M180     | [4,16]                | 107       | 101             | 72  | Grey   |
| 56SW350-GY       | 3P                  | 50                     | 500            | 50                          | 50    | 25    | M250     | [10,25]               | 107       | 101             | 108 | Grey   |
| 56SW350LE-GY     | 3P                  | 50                     | 500            | 50                          | 50    | 25    | M250     | [10,25]               | 107       | 101             | 69  | Grey   |
| 56SW363/2-GY     | 3P                  | 63                     | 500            | 63                          | 63    | 25    | M300     | [16,25]               | 204       | 101             | 108 | Grey   |
| 56SW363-GY       | 3P                  | 63                     | 500            | 63                          | 63    | 25    | M300     | [16,25]               | 107       | 101             | 108 | Grey   |
| 56SW363LE-GY     | 3P                  | 63                     | 500            | 63                          | 63    | 25    | M300     | [16,25]               | 107       | 101             | 69  | Grey   |
| 56SW420-GY       | 4P                  | 20                     | 500            | 20                          | 20    | 20    | M150     | [2.5,6]               | 107       | 101             | 108 | Grey   |
| 56SW420LE-GY     | 4P                  | 20                     | 500            | 20                          | 20    | 20    | M150     | [2.5,6]               | 107       | 101             | 72  | Grey   |
| 56SW432-GY       | 4P                  | 32                     | 500            | 32                          | 32    | 28    | M180     | [2.5,6]               | 107       | 101             | 108 | Grey   |
| 56SW432LE-GY     | 4P                  | 32                     | 500            | 32                          | 32    | 28    | M180     | [2.5,6]               | 107       | 101             | 72  | Grey   |

/2 = all products with /2 reference have 2 way switching capability  
 All HD reference products provided with Heavy Duty terminal block  
 All products with CX code include additional auxiliary switch.

## \*Further Information

56SW110HD - Single Pole Heavy Duty  
 56SW110/2 - 2 way 4 terminal  
 56SW110/I - Intermediate switch mechanism  
 56SW115 - 1 way 2 terminal  
 56SW115HD - Single Pole Heavy Duty  
 56SW115/2 - 2 way 4 terminal  
 56SW210/2 - 2 way 6 terminal  
 56SW363/2 - 2 gang enclosure  
 56SW420 - with 7 Series switch mechanism  
 56SW432 - with 7 Series switch mechanism

## Dimensions (mm)



## Surface Switches Deep Cover

56SWH – Greater current ratings gives you the power... more grunt.

The 56SWH deep range is now available in 25A, 40A, 63A and 80A current ratings. There are also three and four pole products.

The innovative design allows you to easily remove the switch mechanism, while the deep enclosure and cover gives you plenty of space to fit larger, high-amperage cabling.

### Features:

- Removable DIN rail, base-mounted switch.
- Deep cover provides additional wiring space for cables up to 50 mm.
- High-visibility red/yellow switch actuator
- Switches up to 80 A, providing greater control.
- Three Lock OFF padlocking facilities.

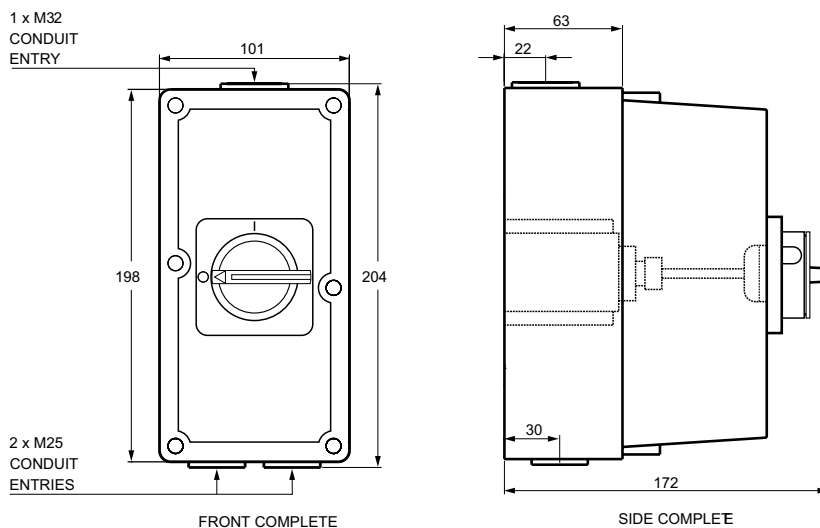
Less Enclosure (base) versions are indicated by the letters LE in the reference.



## Neutral - Clipsal 56 Series

| Catalogue Number | No. of Switch Poles | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Ie (A) Utilisation Category |       |       | M Rating | Cond. Term Size in mm | O/A Dims. |     |     | Colour |
|------------------|---------------------|------------------------|----------------|-----------------------------|-------|-------|----------|-----------------------|-----------|-----|-----|--------|
|                  |                     |                        |                | AC21A                       | AC22A | AC23A |          | Min Max / Cond.       | (H)       | (W) | (D) |        |
| 56SWH325-GY      | 3P                  | 25                     | 500            | 25                          | 0     | 7.5   | M110     | [1,6]                 | 204       | 101 | 172 | Grey   |
| 56SWH340-GY      | 3P                  | 40                     | 500            | 40                          | 0     | 15    | M220     | [1.5,16]              | 204       | 101 | 172 | Grey   |
| 56SWH363-GY      | 3P                  | 63                     | 500            | 63                          | 0     | 18.5  | M320     | [1.5,16]              | 204       | 101 | 172 | Grey   |
| 56SWH380-GY      | 3P                  | 80                     | 500            | 80                          | 0     | 22    | 0        | [6,50]                | 204       | 101 | 172 | Grey   |
| 56SWH425-GY      | 4P                  | 25                     | 500            | 25                          | 0     | 7.5   | M110     | [1,6]                 | 204       | 101 | 172 | Grey   |
| 56SWH440-GY      | 4P                  | 40                     | 500            | 40                          | 0     | 15    | M220     | [1.5,16]              | 204       | 101 | 172 | Grey   |
| 56SWH463-GY      | 4P                  | 63                     | 500            | 63                          | 0     | 18.5  | M320     | [1.5,16]              | 204       | 101 | 172 | Grey   |

## Dimensions (mm)



## Surface Switches Shallow Cover



### Neutral - Clipsal 56 Series

| Catalogue Number | No. of Switch Poles | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Ie (A) Utilisation Category |       |       | M Rating | Cond. Term Size in mm | O/A Dims.       |     |     | Colour |
|------------------|---------------------|------------------------|----------------|-----------------------------|-------|-------|----------|-----------------------|-----------------|-----|-----|--------|
|                  |                     |                        |                | AC21A                       | AC22A | AC23A |          |                       | Min Max / Cond. | (H) | (W) | (D)    |
| 56SWHS340-GY     | 3P                  | 40                     | 500            | 40                          | 0     | 15    | M220     | [1.5,16]              | 204             | 101 | 112 | Grey   |
| 56SWHS363-GY     | 3P                  | 63                     | 500            | 63                          | 0     | 18.5  | M320     | [1.5,16]              | 204             | 101 | 112 | Grey   |
| 56SWHS363LE-GY   | 3P                  | 63                     | 500            | 63                          | 0     | 18.5  | M320     | [1.5,16]              | 198             | 101 | 53  | Grey   |
| 56SWHS363A-GY    | 3P                  | 63                     | 500            | 63                          | 0     | 18.5  | M320     | [1.5,16]              | 204             | 101 | 112 | Grey   |
| 56SWHS363ALE-GY  | 3P                  | 63                     | 500            | 63                          | 0     | 18.5  | M320     | [1.5,16]              | 198             | 101 | 53  | Grey   |
| 56SWHS425-GY     | 4P                  | 25                     | 500            | 25                          | 0     | 7.5   | M110     | [1,6]                 | 204             | 101 | 112 | Grey   |
| 56SWHS432-GY     | 4P                  | 32                     | 500            | 32                          | 0     | 11    | M168     | [1,6]                 | 204             | 101 | 112 | Grey   |
| 56SWHS463-GY     | 4P                  | 63                     | 500            | 63                          | 0     | 18.5  | M320     | [1.5,16]              | 204             | 101 | 112 | Grey   |
| 56SWHS463LE-GY   | 4P                  | 63                     | 500            | 63                          | 0     | 18.5  | M320     | [1.5,16]              | 198             | 101 | 53  | Grey   |

A = includes auxiliary switch

## Changeover and Reversing Switches

Changeover and Reversing Switches are designed to give full motor control in a unit that is rated IP66. These 56 Series are housed within single modules as part of the overall modular concept of the range.

Earth and neutral connectors accommodating 3 x 6 mm<sup>2</sup> cables are provided with all models.

### Option available

- 7 Series Cam Type Switch Mechanisms are used and therefore special configurations are available. Contact your Clipsal and Schneider Electric representative for more information.



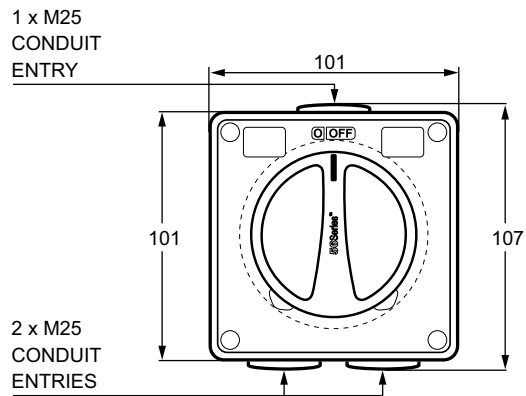


## Neutral - Clipsal 56 Series

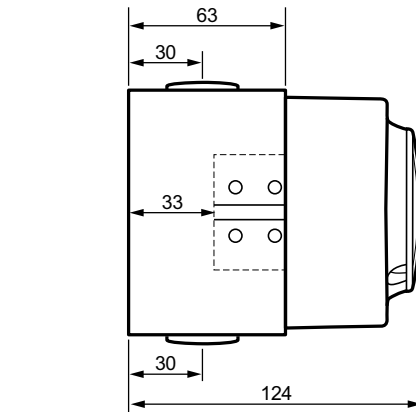
| Catalogue Number | No. of Switch Poles | $I_{the}$ (Amp) | $U_i / U_e$ (Volt) | I <sub>e</sub> (A) Utilisation Category |       |       | M Rating | Cond. Term Size in mm | O/A Dims.       |     |     | Colour |
|------------------|---------------------|-----------------|--------------------|-----------------------------------------|-------|-------|----------|-----------------------|-----------------|-----|-----|--------|
|                  |                     |                 |                    | AC21A                                   | AC22A | AC23A |          |                       | Min Max / Cond. | (H) | (W) | (D)    |
| 56SW220COLE-GY   | 2P                  | 20              | 250                | 20                                      | 20    | 20    | M150     | [2.5,16]              | 107             | 101 | 91  | Grey   |
| 56SW220CO-GY     | 2P                  | 20              | 250                | 20                                      | 20    | 20    | M150     | [2.5,16]              | 107             | 101 | 124 | Grey   |
| 56SW420CO-GY     | 4P                  | 20              | 500                | 20                                      | 20    | 20    | 0        | [2.5,6]               | 107             | 101 | 124 | Grey   |
| 56SW420COLE-GY   | 4P                  | 20              | 500                | 20                                      | 20    | 20    | 0        | [2.5,6]               | 107             | 101 | 119 | Grey   |
| 56SW320R-GY      | 3P                  | 20              | 500                | 20                                      | 20    | 20    | 0        | [2.5,16]              | 107             | 101 | 108 | Grey   |
| 56SW320RLE-GY    | 3P                  | 20              | 500                | 20                                      | 20    | 20    | 0        | [2.5,16]              | 107             | 101 | 72  | Grey   |

CO = Change Over Switch  
R = Reversing switch

## Dimensions (mm)

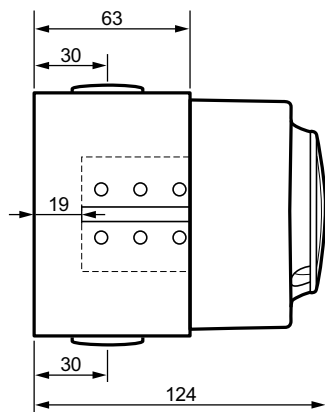


FRONT COMPLETE



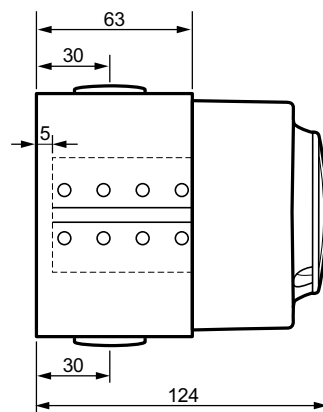
56SW220CO

SIDE COMPLETE



56SW320R

SIDE COMPLETE



56SW420CO

SIDE COMPLETE

## Key Operated Switches

### Key Operated switches

56 Series Key Operated Switches are designed for all key switch applications with the choice of three versions. Earth and neutral connectors accommodating 3 x 6 mm<sup>2</sup> are supplied with all models.

#### Standard Security

These switches are designed for general applications. From single phase 20 A to three phase 50 A. These switches are supplied with individual keys.

#### Medium Security

These switches are fitted with high quality Lock Focus 227 Barrel locks. The key itself is rotated to operate the switch mechanism. These switches are supplied with individual keys.

The switch cover has smooth edges to resist forced actuation.

#### Options available

- Common keys for a number of switches are available to special order.



Standard Security Key Switch



Medium Security Key Switch

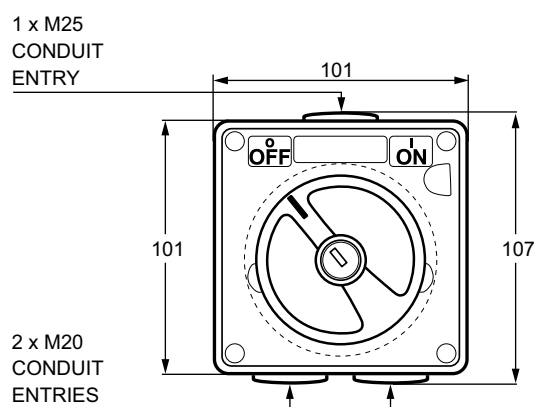
## Neutral - Clipsal 56 Series

| Catalogue Number | No. of Switch Poles | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Ie (A) Utilisation Category |       |       | M Rating | Cond. Term Size in mm |             | O/A Dims. |     |     | Colour |
|------------------|---------------------|------------------------|----------------|-----------------------------|-------|-------|----------|-----------------------|-------------|-----------|-----|-----|--------|
|                  |                     |                        |                | AC21A                       | AC22A | AC23A |          | Min                   | Max / Cond. | (H)       | (W) | (D) |        |
| 56K1SW115-GY     | 1P                  | 15                     | 250            | 15                          | 8     | 8     | M80      | [1.5,6]               |             | 107       | 101 | 87  | Grey   |
| 56K1SW115CK-GY   | 1P                  | 15                     | 250            | 15                          | 8     | 8     | M80      | [1.5,6]               |             | 107       | 101 | 87  | Grey   |
| 56K1SW115CK-GY   | 1P                  | 15                     | 250            | 15                          | 8     | 8     | M80      | [1.5,6]               |             | 107       | 101 | 87  | Grey   |
| 56K1SW115CKL-GY  | 1P                  | 15                     | 250            | 15                          | 8     | 8     | M80      | [1.5,6]               |             | 107       | 101 | 87  | Grey   |
| 56K1SW115LE-GY   | 1P                  | 15                     | 250            | 15                          | 8     | 8     | M80      | [1.5,6]               |             | 107       | 101 | 74  | Grey   |
| 56K1SW115MS-GY   | 1P                  | 15                     | 250            | 15                          | 8     | 8     | M80      | [1.5,6]               |             | 107       | 101 | 87  | Grey   |
| 56K1SW115MSK-GY  | 1P                  | 15                     | 250            | 15                          | 8     | 8     | M80      | [1.5,6]               |             | 107       | 101 | 87  | Grey   |
| 56K1SW120-GY     | 1P                  | 20                     | 250            | 20                          | 20    | 20    | M250     | [2.5,25]              |             | 107       | 101 | 112 | Grey   |
| 56K1SW120LE-GY   | 1P                  | 20                     | 250            | 20                          | 20    | 20    | M250     | [2.5,25]              |             | 107       | 101 | 76  | Grey   |
| 56K1SW120CK-GY   | 1P                  | 20                     | 250            | 20                          | 20    | 20    | M250     | [2.5,25]              |             | 107       | 101 | 112 | Grey   |
| 56K1SW132-GY     | 1P                  | 32                     | 250            | 32                          | 32    | 28    | M250     | [4,25]                |             | 107       | 101 | 112 | Grey   |
| 56K1SW132LE-GY   | 1P                  | 32                     | 250            | 32                          | 32    | 28    | M250     | [4,25]                |             | 107       | 101 | 76  | Grey   |
| 56K1SW132CK-GY   | 1P                  | 32                     | 250            | 32                          | 32    | 28    | M250     | [4,25]                |             | 107       | 101 | 112 | Grey   |
| 56K1SW132MS-GY   | 1P                  | 32                     | 250            | 32                          | 32    | 28    | M250     | [4,25]                |             | 107       | 101 | 112 | Grey   |
| 56K1SW150-GY     | 1P                  | 50                     | 250            | 50                          | 50    | 25    | M250     | [10,25]               |             | 107       | 101 | 112 | Grey   |
| 56K1SW220-GY     | 2P                  | 20                     | 250            | 20                          | 20    | 20    | M220     | [2.5,25]              |             | 107       | 101 | 112 | Grey   |
| 56K1SW220CK-GY   | 2P                  | 20                     | 250            | 20                          | 20    | 20    | M220     | [2.5,25]              |             | 107       | 101 | 112 | Grey   |
| 56K1SW250-GY     | 2P                  | 50                     | 250            | 50                          | 50    | 25    | M220     | [10,25]               |             | 107       | 101 | 112 | Grey   |
| 56K1SW310-GY     | 3P                  | 10                     | 500            | 10                          | 10    | 10    | M200     | [1.5,25]              |             | 107       | 101 | 112 | Grey   |
| 56K1SW310LE-GY   | 3P                  | 10                     | 500            | 10                          | 10    | 10    | M200     | [1.5,25]              |             | 107       | 101 | 76  | Grey   |
| 56K1SW310CK-GY   | 3P                  | 10                     | 500            | 10                          | 10    | 10    | M200     | [1.5,25]              |             | 107       | 101 | 112 | Grey   |
| 56K1SW310MS-GY   | 3P                  | 10                     | 500            | 10                          | 10    | 10    | M200     | [1.5,25]              |             | 107       | 101 | 112 | Grey   |
| 56K1SW320-GY     | 3P                  | 20                     | 500            | 20                          | 20    | 20    | M200     | [2.5,25]              |             | 107       | 101 | 112 | Grey   |
| 56K1SW320LE-GY   | 3P                  | 20                     | 500            | 20                          | 20    | 20    | M200     | [2.5,25]              |             | 107       | 101 | 76  | Grey   |
| 56K1SW320CK-GY   | 3P                  | 20                     | 500            | 20                          | 20    | 20    | M200     | [2.5,25]              |             | 107       | 101 | 112 | Grey   |
| 56K1SW332-GY     | 3P                  | 32                     | 500            | 32                          | 32    | 28    | M200     | [4,25]                |             | 107       | 101 | 112 | Grey   |
| 56K1SW332LE-GY   | 3P                  | 32                     | 500            | 32                          | 32    | 28    | M200     | [4,25]                |             | 107       | 101 | 76  | Grey   |
| 56K1SW332CK-GY   | 3P                  | 32                     | 500            | 32                          | 32    | 28    | M200     | [4,25]                |             | 107       | 101 | 112 | Grey   |
| 56K1SW350-GY     | 3P                  | 50                     | 500            | 50                          | 50    | 25    | M200     | [10,25]               |             | 107       | 101 | 112 | Grey   |
| 56K1SW350LE-GY   | 3P                  | 50                     | 500            | 50                          | 50    | 25    | M200     | [10,25]               |             | 107       | 101 | 76  | Grey   |
| 56K1SW350CK-GY   | 3P                  | 50                     | 500            | 50                          | 50    | 25    | M200     | [10,25]               |             | 107       | 101 | 112 | Grey   |
| 56K2SW115-GY     | 1P                  | 15                     | 250            | 15                          | 8     | 8     | M80      | [1.5,6]               |             | 107       | 101 | 83  | Grey   |
| 56K2SW115LE-GY   | 1P                  | 15                     | 250            | 15                          | 8     | 8     | M80      | [1.5,6]               |             | 107       | 101 | 74  | Grey   |
| 56K2SW115CK-GY   | 1P                  | 15                     | 250            | 15                          | 8     | 8     | M80      | [1.5,6]               |             | 107       | 101 | 83  | Grey   |
| 56K2SW115MS-GY   | 1P                  | 15                     | 250            | 15                          | 8     | 8     | M80      | [1.5,6]               |             | 107       | 101 | 112 | Grey   |
| 56K2SW115MSK-GY  | 1P                  | 15                     | 250            | 15                          | 8     | 8     | M80      | [1.5,6]               |             | 107       | 101 | 112 | Grey   |
| 56K2SW120-GY     | 1P                  | 20                     | 250            | 20                          | 20    | 20    | M250     | [2.5,25]              |             | 107       | 101 | 112 | Grey   |
| 56K2SW120LE-GY   | 1P                  | 20                     | 250            | 20                          | 20    | 20    | M250     | [2.5,25]              |             | 107       | 101 | 76  | Grey   |
| 56K2SW120CK-GY   | 1P                  | 20                     | 250            | 20                          | 20    | 20    | M250     | [2.5,25]              |             | 107       | 101 | 112 | Grey   |
| 56K2SW132-GY     | 1P                  | 32                     | 250            | 32                          | 32    | 28    | M250     | [4,25]                |             | 107       | 101 | 112 | Grey   |
| 56K2SW132LE-GY   | 1P                  | 32                     | 250            | 32                          | 32    | 28    | M250     | [4,25]                |             | 107       | 101 | 76  | Grey   |
| 56K2SW132CK-GY   | 1P                  | 32                     | 250            | 32                          | 32    | 28    | M250     | [4,25]                |             | 107       | 101 | 112 | Grey   |
| 56K2SW132MS-GY   | 1P                  | 32                     | 250            | 32                          | 32    | 28    | M250     | [4,25]                |             | 107       | 101 | 112 | Grey   |
| 56K2SW150-GY     | 1P                  | 50                     | 250            | 50                          | 50    | 25    | M220     | [10,25]               |             | 107       | 101 | 112 | Grey   |
| 56K2SW220-GY     | 2P                  | 20                     | 250            | 20                          | 20    | 20    | M220     | [2.5,25]              |             | 107       | 101 | 112 | Grey   |
| 56K2SW220LE-GY   | 2P                  | 20                     | 250            | 20                          | 20    | 20    | M220     | [2.5,25]              |             | 107       | 101 | 76  | Grey   |
| 56K2SW220CK-GY   | 2P                  | 20                     | 250            | 20                          | 20    | 20    | M220     | [2.5,25]              |             | 107       | 101 | 112 | Grey   |
| 56K2SW232-GY     | 2P                  | 32                     | 250            | 32                          | 32    | 28    | M220     | [4,25]                |             | 107       | 101 | 112 | Grey   |
| 56K2SW310-GY     | 3P                  | 10                     | 500            | 10                          | 8     | 8     | M200     | [1.5,25]              |             | 107       | 101 | 112 | Grey   |
| 56K2SW310LE-GY   | 3P                  | 10                     | 500            | 10                          | 8     | 8     | M200     | [1.5,25]              |             | 107       | 101 | 76  | Grey   |
| 56K2SW310CK-GY   | 3P                  | 10                     | 500            | 10                          | 8     | 8     | M200     | [1.5,25]              |             | 107       | 101 | 112 | Grey   |
| 56K2SW310MS-GY   | 3P                  | 10                     | 500            | 10                          | 8     | 8     | M200     | [1.5,25]              |             | 107       | 101 | 112 | Grey   |

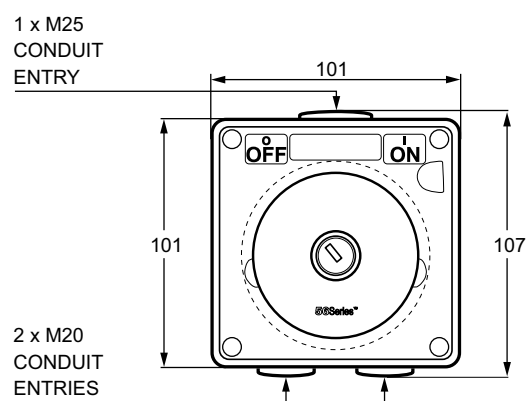
## Neutral - Clipsal 56 Series

| Catalogue Number | No. of Switch Poles | $I_{the}$ (Amp) | $U_i / U_e$ (Volt) | I <sub>e</sub> (A) Utilisation Category |       |       | M Rating | Cond. Term Size in mm | O/A Dims.       |     |     | Colour |
|------------------|---------------------|-----------------|--------------------|-----------------------------------------|-------|-------|----------|-----------------------|-----------------|-----|-----|--------|
|                  |                     |                 |                    | AC21A                                   | AC22A | AC23A |          |                       | Min Max / Cond. | (H) | (W) | (D)    |
| 56K2SW320-GY     | 3P                  | 20              | 500                | 20                                      | 20    | 20    | M200     | [2.5,25]              | 107             | 101 | 112 | Grey   |
| 56K2SW320LE-GY   | 3P                  | 20              | 500                | 20                                      | 20    | 20    | M200     | [2.5,25]              | 107             | 101 | 76  | Grey   |
| 56K2SW320CK-GY   | 3P                  | 20              | 500                | 20                                      | 20    | 20    | M200     | [2.5,25]              | 107             | 101 | 112 | Grey   |
| 56K2SW320PWD-GY  | 3P                  | 20              | 500                | 20                                      | 20    | 20    | M200     | [2.5,25]              | 107             | 101 | 112 | Grey   |
| 56K2SW332-GY     | 3P                  | 32              | 500                | 32                                      | 32    | 28    | M200     | [4,25]                | 107             | 101 | 112 | Grey   |
| 56K2SW332LE-GY   | 3P                  | 32              | 500                | 32                                      | 32    | 28    | M200     | [4,25]                | 107             | 101 | 76  | Grey   |
| 56K2SW332CK-GY   | 3P                  | 32              | 500                | 32                                      | 32    | 28    | M200     | [4,25]                | 107             | 101 | 112 | Grey   |
| 56K2SW350-GY     | 3P                  | 50              | 500                | 50                                      | 50    | 25    | M200     | [10,25]               | 107             | 101 | 112 | Grey   |
| 56K2SW350LE-GY   | 3P                  | 50              | 500                | 50                                      | 50    | 25    | M200     | [10,25]               | 107             | 101 | 76  | Grey   |

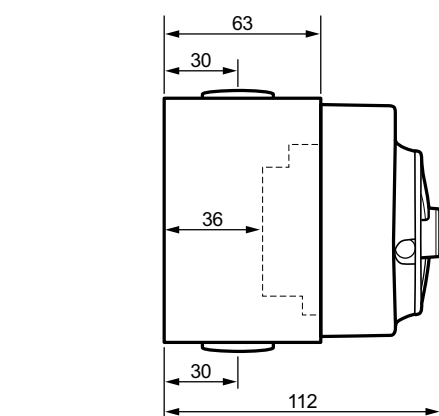
## Dimensions (mm)



FRONT COMPLETE

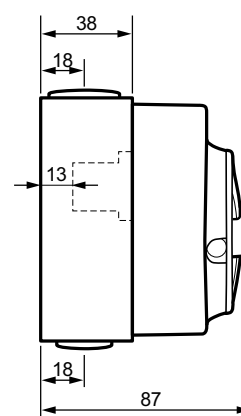


FRONT COMPLETE



56K1SW310

SIDE COMPLETE



56K1SW115

SIDE COMPLETE

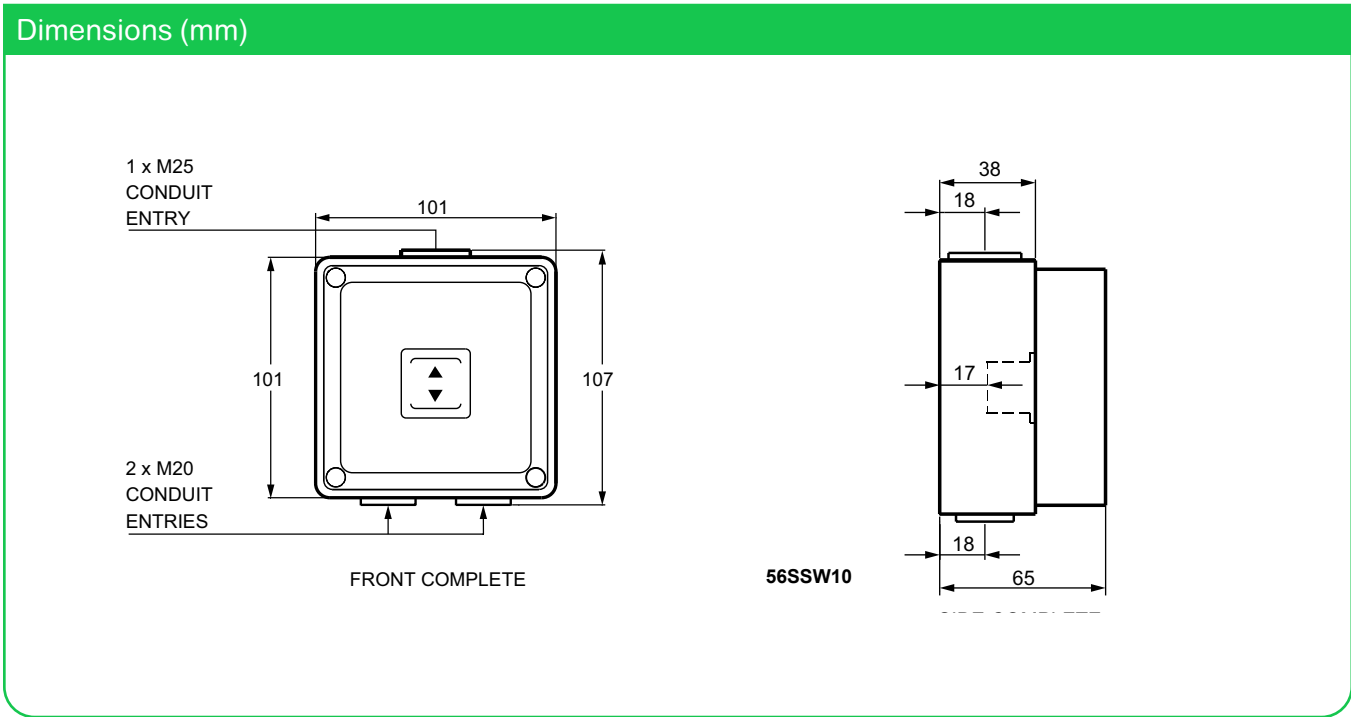


Sliding Dolly Switches

56 Series Single and Twin Sliding Switches are available in 10 A and 15 A ratings. A single intermediate switch is also available.



| Neutral - Clipsal 56 Series |                     |                        |                |                             |       |       |          |                       |           |     |       |        |
|-----------------------------|---------------------|------------------------|----------------|-----------------------------|-------|-------|----------|-----------------------|-----------|-----|-------|--------|
| Catalogue Number            | No. of Switch Poles | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Ie (A) Utilisation Category |       |       | M Rating | Cond. Term Size in mm | O/A Dims. |     |       | Colour |
|                             |                     |                        |                | AC21A                       | AC22A | AC23A |          |                       | Min       | Max | Cond. |        |
| 56SSW10/I-GY                | 1P                  | 10                     | 250            | 0                           | 0     | 0     | M100     | [1.5,6]               | 107       | 101 | 65    | Grey   |
| 56SSW10-GY                  | 1P                  | 10                     | 250            | 0                           | 0     | 0     | M80      | [1.5,6]               | 107       | 101 | 65    | Grey   |
| 56SSW10LE-GY                | 1P                  | 10                     | 250            | 0                           | 0     | 0     | M80      | [1.5,6]               | 107       | 101 | 48    | Grey   |
| 56SSW15-GY                  | 1P                  | 15                     | 250            | 0                           | 0     | 0     | M80      | [1.5,6]               | 107       | 101 | 65    | Grey   |
| 56SSW15LE-GY                | 1P                  | 15                     | 250            | 0                           | 0     | 0     | M80      | [1.5,6]               | 107       | 101 | 48    | Grey   |
| 56SSW2/10-GY                | 1P                  | 10                     | 250            | 0                           | 0     | 0     | M80      | [1.5,6]               | 107       | 101 | 65    | Grey   |
| 56SSW2/10LE-GY              | 1P                  | 10                     | 250            | 0                           | 0     | 0     | M80      | [1.5,6]               | 107       | 101 | 48    | Grey   |
| 56SSW2/15-GY                | 1P                  | 15                     | 250            | 0                           | 0     | 0     | M80      | [1.5,6]               | 107       | 101 | 65    | Grey   |
| 56SSW2/15LE-GY              | 1P                  | 15                     | 250            | 0                           | 0     | 0     | M80      | [1.5,6]               | 107       | 101 | 48    | Grey   |
| 56SSW2AM-GY                 | 1P                  | 10                     | 250            | 0                           | 0     | 0     | M80      | [1.5,6]               | 107       | 101 | 65    | Grey   |
| 56SSW2AMLE-GY               | 1P                  | 10                     | 250            | 0                           | 0     | 0     | M80      | [1.5,6]               | 107       | 101 | 48    | Grey   |



## Timer Switches

**56 Series TC Synchronised Timers** allow time control in IP56 environments. They are available in 24 hours and 7 days configurations with minimum switching times as indicated.

All timers are supplied with sliding tabs for easy setting and are fitted with manual override switches. This timer has a 150 hour battery running reserve.

The 56TC Timer range is not suitable for fluorescent loads.

**56 Series Two Hour Process Timer** is a surface mounting model that features a mechanical timer operated by a rotary switch. The timer is fully variable with the range of zero to two hours in 10 minute increments which can be reset or overridden at any stage.

A single gang module, the unit is double pole 250 V 16 A a.c. and is supplied as standard with a power ON neon. The 16 A mechanism has pressure plate type terminals. The 56SWT216 is ideally suited to run pumping or filtering operations or using with hot water service boosters. This timer is also suitable for fluorescent loads. This timer has a 150 hour battery running reserve. When a timer with pin point precision is required in an IP66 environment, the 56TCDB Digital Timer can be used.

The digital timer features highly accurate timing and multi-function control with fully programmable push button facilities. The 56TCDB also incorporates a 150 hour battery running reserve that retains information in the event of a loss of mains power.

The 56TCDB Timer is not suitable to switch fluorescent loads. The timer has a stored charge and therefore should not be connected to portable equipment.

Other features include:

### Holiday Programming

Before going away, a simple holiday program can be set for a period of up to 99 days. This program will have priority over the normal program and can either operate as set or continually without a preset limit. Program start can be immediate or delayed by up to six days.

### Seven Day Fully Programmable

There are 42 Memory Locations. This facility enables up to 21 ON/OFF switching commands

**56 Series TC Synchronised Timers** allow time control in IP56 environments. They are available in 24 hours and 7 days configurations with minimum switching times as indicated.



All timers are supplied with sliding tabs for easy setting and are fitted with manual override switches. This timer has a 150 hour battery running reserve.

The 56TC Timer range is not suitable for fluorescent loads.

**56 Series Two Hour Process Timer** is a surface mounting model that features a mechanical timer operated by a rotary switch. The timer is fully variable with the range of zero to two hours in 10 minute increments which can be reset or overridden at any stage.

A single gang module, the unit is double pole 250 V 16 A a.c. and is supplied as standard with a power ON neon. The 16 A mechanism has pressure plate type terminals. The 56SWT216 is ideally suited to run pumping or filtering operations or using with hot water service boosters. This timer is also suitable for fluorescent loads. This timer has a 150 hour battery running reserve. When a timer with pin point precision is required in an IP66 environment, the 56TCDB Digital Timer can be used.

The digital timer features highly accurate timing and multi-function control with fully programmable push button facilities. The 56TCDB also incorporates a 150 hour battery running reserve that retains information in the event of a loss of mains power.-

The 56TCDB Timer is not suitable to switch fluorescent loads. The timer has a stored charge and therefore should not be connected to portable equipment.

Other features include:

### Holiday Programming

Before going away, a simple holiday program can be set for a period of up to 99 days. This program will have priority over the normal program and can either operate as set or continually without a preset limit. Program start can be immediate or delayed by up to six days.

### Seven Day Fully Programmable

There are 42 Memory Locations. This facility enables up to 21 ON/OFF switching commands to be given at any time during a seven day period. For example,

- Memory No. 1 (ON) Mon, 8.00 a.m.
- Memory No. 2 (OFF) Mon, 8.25 a.m.
- Memory No. 3 (ON) Mon, Tue, Wed, 9.00 p.m.
- Memory No. 4 (OFF) Mon, Tue, Wed, 9.40 p.m.

Settings can continue through to a maximum of 42 locations (21 ON and 21 OFF).

### Daylight Saving Switch

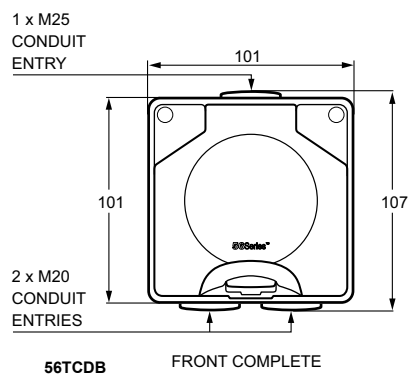
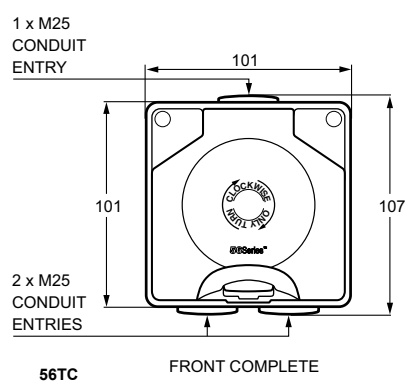
- Enables summer/winter time changes at the press of a button.
- 150 hour battery running reserve
- Retains program and setting during power blackout.
- Inbuilt bypass switch - This function disengages timing when not required.  
The Inbuilt Bypass Switch can be set at permanently 'ON' or permanently 'OFF' or 'ON' until programmed 'OFF' or 'OFF' until programmed 'ON'.

\*For further details refer to operating instructions.

## Neutral - Clipsal 56 Series

| Catalogue Number | No. of Switch Poles | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Type of socket | Cond. Term Size in mm |             | O/A Dims. |     |     | Matching plug | Socket config |
|------------------|---------------------|------------------------|----------------|----------------|-----------------------|-------------|-----------|-----|-----|---------------|---------------|
|                  |                     |                        |                |                | Min                   | Max / Cond. | (H)       | (W) | (D) |               |               |
| 56CTC15-GY       | 1P                  | 15                     | 250            | 1P + N + E     | [2.5,6]               | 294         | 101       | 101 | 102 | 56P315        | B             |
| 56CTC-GY         | 1P                  | 10                     | 250            | 1P + N + E     | [2.5,6]               | 294         | 101       | 101 | 102 | 56P310        | A             |
| 56TC7-GY         | 1P                  | 16                     | 250            | 1P + N + E     | [2.5,6]               | 101         | 101       | 101 | 102 | -             | -             |
| 56TCDB-GY        | 1P                  | 16                     | 250            | 1P + N + E     | [2.5,6]               | 101         | 101       | 101 | 102 | -             | -             |
| 56TCDBLE-GY      | 1P                  | 16                     | 250            | 1P + N + E     | [2.5,6]               | 101         | 101       | 0   | 0   | -             | -             |
| 56TC-GY          | 1P                  | 16                     | 250            | 1P + N + E     | [2.5,6]               | 101         | 101       | 101 | 102 | -             | -             |
| 56TCLE-GY        | 1P                  | 16                     | 250            | 1P + N + E     | [2.5,6]               | 101         | 101       | 0   | 0   | -             | -             |
| 56SWT216-GY      | 2P                  | 16                     | 250            | -              | [2.5,4]               | 107         | 101       | 101 | 102 | -             | -             |
| 56SWT216LE-GY    | 2P                  | 16                     | 250            | -              | [2.5,4]               | 107         | 101       | 0   | 0   | -             | -             |

## Dimensions (mm)





## Push Button Control Stations



This rugged range consists of five different combinations of stop and start control stations. The stations are ideal in wet, dusty or dirty conditions for controlling motor starters on pumps, saws, compressors, lathes, processors, and processing lines.

56PB - Start control station.

56PBS - Stop control station.

56PBS1 - Emergency stop station. This station has a red mushroom head push button with twist reset.

56PBS2 - Stop station. This station has a red mushroom head push button with twist reset. (Labelled stop only).

56/2PB - Combination stop/start control station with momentary operation push buttons. The red stop button has an extended head and the green start button a flush head.

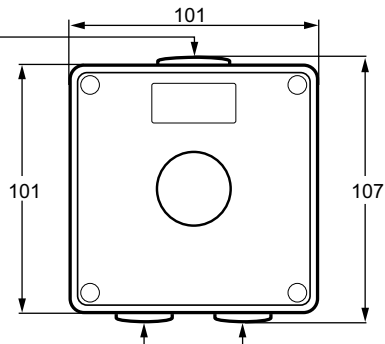
56/2PBS1 - Combination stop/start control station with same stop button as the 56PBS1.

### Neutral - Clipsal 56 Series

| Catalogue Number | No. of switch poles | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Ie (A) Utilisation Category |       |       | M Rating | Cond. Term Size in mm | O/A Dims. |     |     | Colour |
|------------------|---------------------|------------------------|----------------|-----------------------------|-------|-------|----------|-----------------------|-----------|-----|-----|--------|
|                  |                     |                        |                | AC21A                       | AC22A | AC23A |          | Min Max / Cond.       | (H)       | (W) | (D) |        |
| 56PB-GY          | 1P                  | 0                      | 500            | 0                           | 0     | 0     | 0        | [1,4]                 | 107       | 101 | 76  | Grey   |
| 56PBLE-GY        | 1P                  | 0                      | 500            | 0                           | 0     | 0     | 0        | [1,4]                 | 107       | 101 | 59  | Grey   |
| 56PBS1-GY        | 1P                  | 0                      | 500            | 0                           | 0     | 0     | 0        | [1,4]                 | 107       | 101 | 102 | Grey   |
| 56PBS1LE-GY      | 1P                  | 0                      | 500            | 0                           | 0     | 0     | 0        | [1,4]                 | 107       | 101 | 59  | Grey   |
| 56PBS2-GY        | 1P                  | 0                      | 500            | 0                           | 0     | 0     | 0        | [1,4]                 | 107       | 101 | 102 | Grey   |
| 56/2PB-GY        | 1P                  | 10                     | 250            | 0                           | 0     | 0     | 0        | [1,4]                 | 107       | 101 | 80  | Grey   |
| 56/2PBLE-GY      | 1P                  | 10                     | 250            | 0                           | 0     | 0     | 0        | [1,4]                 | 107       | 101 | 63  | Grey   |
| 56/2PBS1-GY      | 1P                  | 10                     | 250            | 0                           | 0     | 0     | 0        | [1,4]                 | 107       | 101 | 80  | Grey   |

## Dimensions (mm)

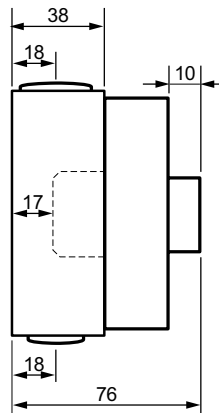
1 x M25  
CONDUIT  
ENTRY



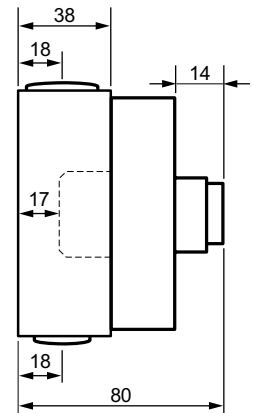
2 x M20  
CONDUIT  
ENTRIES

**56PB & 56PBS**

FRONT COMPLETE



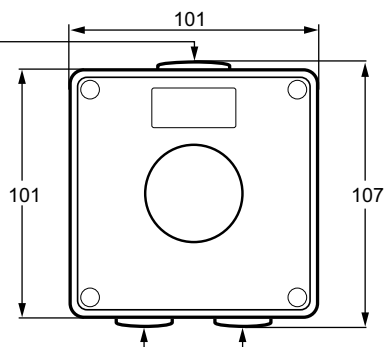
SIDE COMPLETE



**56PBS & 56/2PB**

SIDE COMPLETE

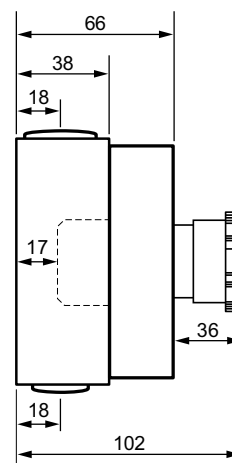
1 x M25  
CONDUIT  
ENTRY



2 x M20  
CONDUIT  
ENTRIES

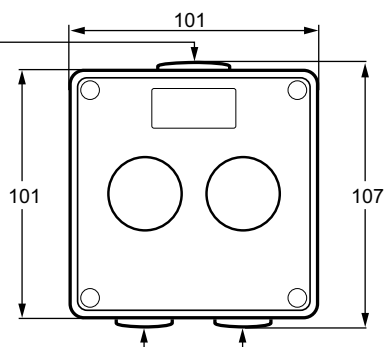
**56PBS1 & 56PBS2**

FRONT COMPLETE



SIDE COMPLETE

1 x M25  
CONDUIT  
ENTRY

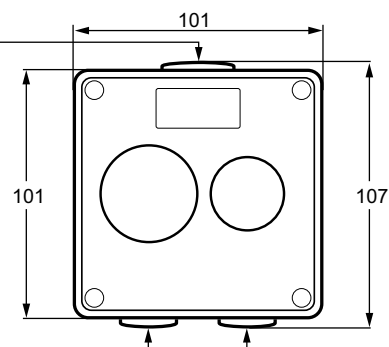


2 x M20  
CONDUIT  
ENTRIES

**56/2PB**

FRONT COMPLETE

1 x M25  
CONDUIT  
ENTRY



2 x M20  
CONDUIT  
ENTRIES

**56/2PBS1**

FRONT COMPLETE

## Safety Surface Switches

This 56 Series range of switches helps ensure isolators are highly visible by using a brightly coloured red switch knob and yellow plate. The high visibility naturally reduces an individual's response time in the event of an emergency.

### Neutral - Clipsal 56 Series

| Catalogue Number | No. of Switch Poles | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Ie (A) Utilisation Category |       |       | M Rating | Cond. Term Size in mm | O/A Dims. |     |     | Colour |
|------------------|---------------------|------------------------|----------------|-----------------------------|-------|-------|----------|-----------------------|-----------|-----|-----|--------|
|                  |                     |                        |                | AC21A                       | AC22A | AC23A |          | Min Max / Cond.       | (H)       | (W) | (D) |        |
| 56SW110-RY       | 1P                  | 10                     | 250            | 10                          | 8     | 8     | M80      | [1.5,6]               | 107       | 101 | 83  | Yellow |
| 56SW120-RY       | 1P                  | 20                     | 250            | 20                          | 20    | 20    | M150     | [2.5,16]              | 107       | 101 | 108 | Yellow |
| 56SW320-RY       | 3P                  | 20                     | 500            | 20                          | 20    | 20    | M150     | [2.5,16]              | 107       | 101 | 108 | Yellow |
| 56SW332-RY       | 3P                  | 32                     | 500            | 32                          | 32    | 28    | M180     | [4,16]                | 107       | 101 | 108 | Yellow |

## DOL Motor Starters



The rugged reliability and modular construction of 56 Series Industrial Switchgear, when combined with the Schneider Electric range of contactors and overload relays, gives you the most exciting breakthrough in motor control technology.

A range of rugged, dependable DOL Motor Starters for single phase motors up to 2.2 kW (3.0 hp) and three phase motors up to 11 kW (7.5 hp). 56 Series Motor Starters offer unequalled levels of design flexibility, together with superior on the job performance.

For maximum versatility and flexibility there are four versions in each of the single and three phase options:

- START/STOP RESET
- STOP/RESET only
- START/STOP RESET with isolating switch

### Features

- Modular flexibility. Starters can be coupled with almost any number of 56 Series Modules in one enclosure.
- Ease of wiring.
- UV stabilised for proven outdoor performance.
- IP66.
- Heavy-duty impact resistant enclosure.
- Customised units can be ordered to meet individual customer requirements.

## Neutral - Clipsal 56 Series

| Catalogue Number | No. of Switch Poles | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Ie (A) Utilisation Category |       |       | M Rating | Cond. Term Size in mm | O/A Dims. |     |     | Colour |
|------------------|---------------------|------------------------|----------------|-----------------------------|-------|-------|----------|-----------------------|-----------|-----|-----|--------|
|                  |                     |                        |                | AC21A                       | AC22A | AC23A |          | Min Max / Cond.       | (H)       | (W) | (D) |        |
| 56DOL12/LO-GY    | 0                   | 0                      | 415            | 0                           | 0     | 0     | 0        | 0                     | 204       | 101 | 0   | Grey   |
| 56DOL16/1B-GY    | 0                   | 0                      | 240            | 0                           | 0     | 0     | 0        | 0                     | 204       | 101 | 0   | Grey   |
| 56DOL22/1S-GY    | 0                   | 0                      | 415            | 0                           | 0     | 0     | 0        | 0                     | 294       | 101 | 0   | Grey   |
| 56DOL9/10B-GY    | 0                   | 0                      | 240            | 0                           | 0     | 0     | 0        | 0                     | 204       | 101 | 0   | Grey   |
| 56DOL9/10S-GY    | 0                   | 0                      | 240            | 0                           | 0     | 0     | 0        | 0                     | 294       | 101 | 0   | Grey   |
| 56DOL9/1-GY      | 0                   | 0                      | 240            | 0                           | 0     | 0     | 0        | 0                     | 204       | 101 | 0   | Grey   |
| 56DOL9/1V6RB-GY  | 0                   | 0                      | 240            | 0                           | 0     | 0     | 0        | 0                     | 204       | 101 | 0   | Grey   |
| 56DOL9/2V5S-GY   | 0                   | 0                      | 240            | 0                           | 0     | 0     | 0        | 0                     | 294       | 101 | 0   | Grey   |
| 56DOL9/4RB-GY    | 0                   | 0                      | 240            | 0                           | 0     | 0     | 0        | 0                     | 204       | 101 | 0   | Grey   |
| 56DOL9/6B-GY     | 0                   | 0                      | 240            | 0                           | 0     | 0     | 0        | 0                     | 204       | 101 | 0   | Grey   |
| 56DOL9/6-GY      | 0                   | 0                      | 240            | 0                           | 0     | 0     | 0        | 0                     | 204       | 101 | 0   | Grey   |
| 56DOL9/6RB-GY    | 0                   | 0                      | 240            | 0                           | 0     | 0     | 0        | 0                     | 204       | 101 | 0   | Grey   |
| 56DOL9/8R-GY     | 0                   | 0                      | 240            | 0                           | 0     | 0     | 0        | 0                     | 204       | 101 | 0   | Grey   |
| 56DOL9/8S-GY     | 0                   | 0                      | 240            | 0                           | 0     | 0     | 0        | 0                     | 294       | 101 | 0   | Grey   |
| 56DOL9CVR/1-GY   | 0                   | 0                      | 0              | 0                           | 0     | 0     | 0        | 0                     | 204       | 101 | 0   | Grey   |
| 56ROL9/10-GY     | 0                   | 0                      | 415            | 0                           | 0     | 0     | 0        | 0                     | 204       | 101 | 0   | Grey   |



Sunset Switches

See the light in saving energy with the 56 Series innovative range of Sunset Switches. Ideal for shop signage, car parks, pathways and garden areas. Sunset Switches turn on lighting once ambient light drops below the defined level, and turn off lighting once ambient light increases.

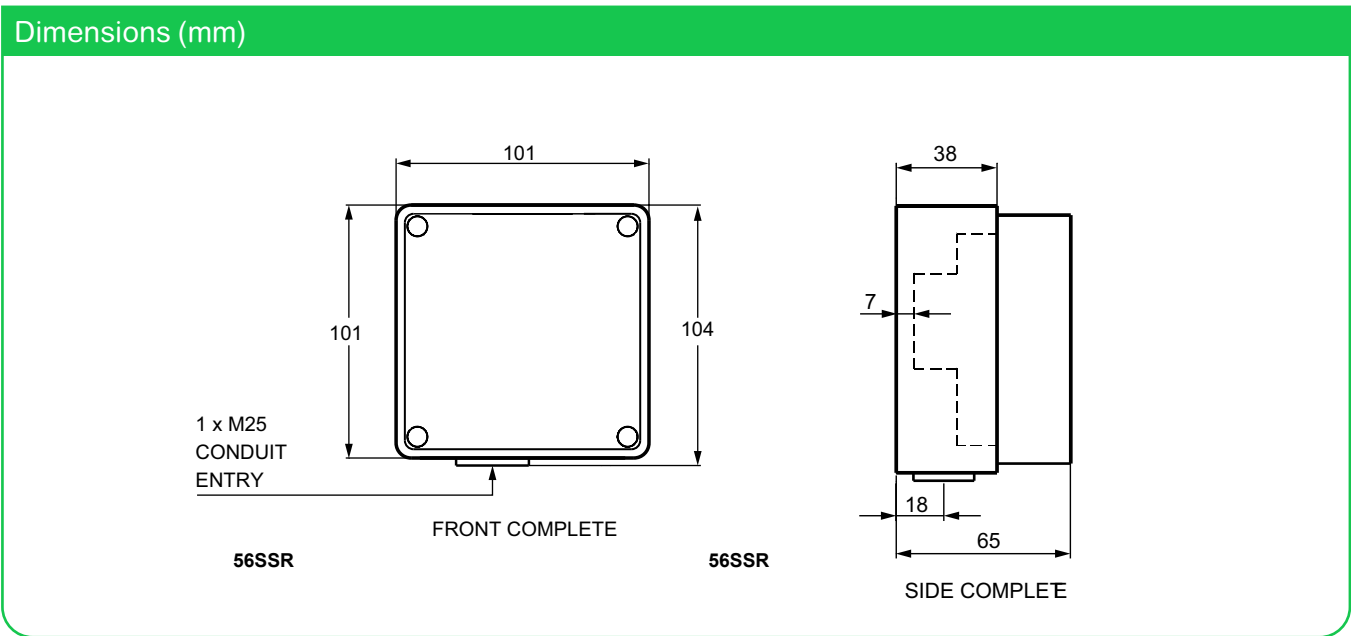
56 Series Sunset Switches come in 2-wire and 3-wire designs, making them ideal for car park lighting applications, where compliance with building code regulations and AS/NZS251680 standards are required.

They are available in weatherproof housings and are compatible with fluorescent and resistive load currents of up to 10AX. The Sunset Switch features a convenient 'Dusk to Dawn' setting, helping with easy installation setup. Lighting will be activated at dusk and switched off at dawn. For those applications requiring additional flexibility, an inbuilt timer adjustment allows lighting to be activated for a pre-set time only (2, 4, 6, 8 or 12 hours), providing the user with even more energy savings.

The lux level setting can be adjusted from 20 to 500 lux, which means the Sunset Switch can activate lighting to turn ON once ambient light drops below the defined level. This allows flexibility in regards to the mounting location of the Sunset Switch.



| Sunset Switch    |                        |                |                 |             |                  |                                            |           |                 |  |     |     |
|------------------|------------------------|----------------|-----------------|-------------|------------------|--------------------------------------------|-----------|-----------------|--|-----|-----|
| Catalogue Number | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Light Intensity | Temp Range  | Time Adjust (Hr) | Conductor Terminal Size in mm <sup>2</sup> | IP Rating | O/A Dims.       |  |     |     |
|                  |                        |                |                 |             |                  | Lumens                                     |           | Min Max / Cond. |  | (H) | (W) |
|                  |                        |                |                 |             |                  |                                            |           |                 |  | (D) |     |
| 56SSR/2-GY       | 10                     | 250            | [20,500]        | 0° to 45 °C | [2,12]           | [0.75,6]                                   |           | 66              |  | 101 | 101 |
| 56SSR/3-GY       | 10                     | 250            | [20,500]        | 0° to 45 °C | [2,12]           | [0.75,6]                                   |           | 66              |  | 101 | 101 |



## Appliance Inlets

The 56 Series Appliance Inlets feature a downward facing, angled pin housing which enables extension socket plugs to be neatly connected without bulky right angle entry. A screwed lock ring is standard on all models to connect extension sockets and appliance connectors, and helps ensure IP integrity.

The IP rating is only achieved on 500 V appliance inlets if the screw-on cap (56PC Series) provided is fitted when not in use.

All 56AI Series Appliance Inlets are compatible with 56CSC Extension Sockets and there is no need for special reverse pin plugs. Less Enclosure versions are indicated by the letters LE in the reference.

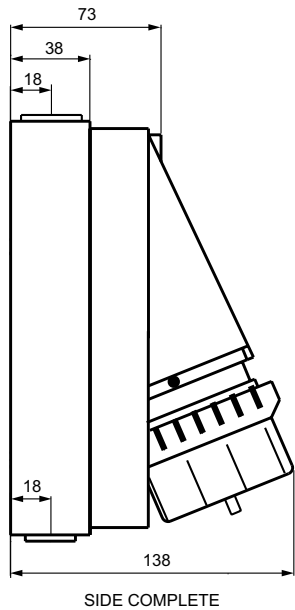
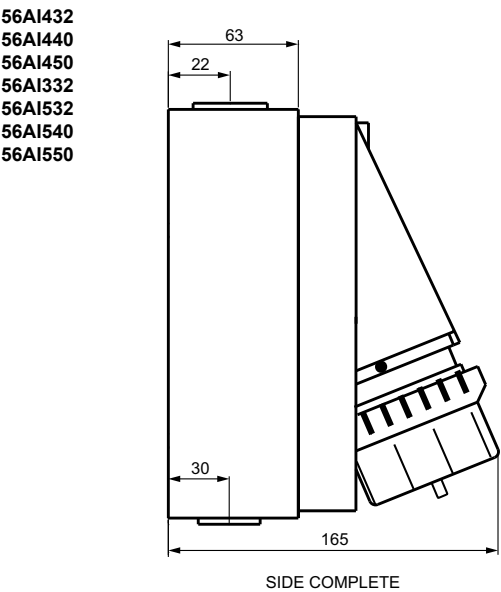
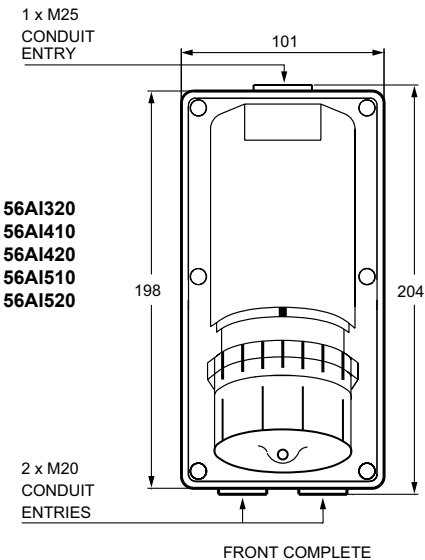
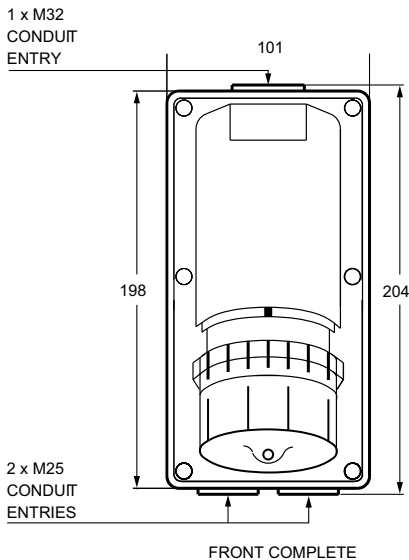
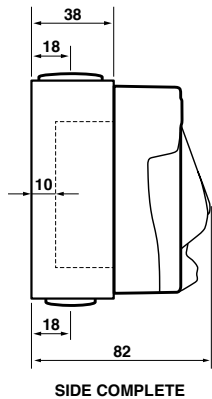
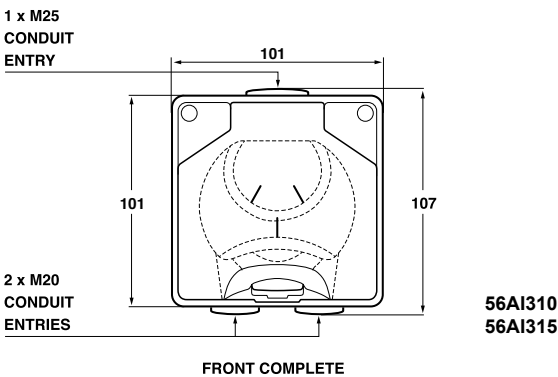


### Neutral - Clipsal 56 Series

| Catalogue Number | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Type of socket | Cond. Term Size in mm |             | O/A Dims. |     |     | Colour | Matching plug | Socket config |
|------------------|------------------------|----------------|----------------|-----------------------|-------------|-----------|-----|-----|--------|---------------|---------------|
|                  |                        |                |                | Min                   | Max / Cond. | (H)       | (W) | (D) |        |               |               |
| 56AI310-GY       | 10                     | 250            | 1P + N + E     | [1,5,6]               |             | 107       | 101 | 82  | Grey   | 56CSC310      | A             |
| 56AI310LE-GY     | 10                     | 250            | 1P + N + E     | [1,5,6]               |             | 107       | 101 | 72  | Grey   | 56CSC310      | A             |
| 56AI315-GY       | 15                     | 250            | 1P + N + E     | [2,5,6]               |             | 107       | 101 | 82  | Grey   | 56CSC315      | B             |
| 56AI315LE-GY     | 15                     | 250            | 1P + N + E     | [2,5,6]               |             | 107       | 101 | 72  | Grey   | 56CSC315      | B             |
| 56AI320-GY       | 20                     | 250            | 1P + N + E     | [2,5,6]               |             | 204       | 101 | 138 | Grey   | 56CSC320      | H             |
| 56AI332-GY       | 32                     | 250            | 1P + N + E     | [6,16]                |             | 204       | 101 | 165 | Grey   | 56CSC332      | I             |
| 56AI410-GY       | 10                     | 500            | 3P + E         | [1,5,6]               |             | 204       | 101 | 138 | Grey   | 56CSC410      | K             |
| 56AI432-GY       | 32                     | 500            | 3P + E         | [6,16]                |             | 204       | 101 | 165 | Grey   | 56CSC432      | N             |
| 56AI532-GY       | 32                     | 500            | 3P + N + E     | [6,16]                |             | 204       | 101 | 165 | Grey   | 56CSC532      | S             |
| 56AI550-GY       | 50                     | 500            | 3P + N + E     | [10,16]               |             | 204       | 101 | 165 | Grey   | 56CSC550      | U             |
| 56AI550LE-GY     | 50                     | 500            | 3P + N + E     | [10,16]               |             | 204       | 101 | 102 | Grey   | 56CSC550      | U             |
| 56AI310-RA*      | 10                     | 250            | 1P + N + E     | [1,5,6]               |             | 107       | 101 | 82  | Grey   | 56CSC310      | A             |

\* RA colour is Resistant Army colour (green)

Dimensions (mm)



## Plugs

The 56 Series range of plugs and connectors has a proud history for being the toughest and most trusted industrial switchgear on the market.

Built tough to last, the plastics used to manufacture the 56 Series range are industrial grade resins with high impact strength, UV protection, and chemical resistance.

Pin configurations for plugs, sockets, and switched socket outlets comply with three-phase AS/NZS3123, single-phase AS/NZS3112.

The introduction of transparent materials to the 56 Series Electric Orange and Grey range enables the inspection and checking of the component's pin/socket configuration and wiring at a glance, while still providing protection against the elements.

### Single-Phase Plugs



#### Neutral - Clipsal 56 Series

| Catalogue Number | Rated Current | Rated Voltage | Pin Description | Conductor Terminal mm <sup>2</sup> | Cable Nominal Dia. | Colour | Pin Configuration | Gland Nut Thread |
|------------------|---------------|---------------|-----------------|------------------------------------|--------------------|--------|-------------------|------------------|
|                  | (A)           | (V)           |                 | Min / Max                          | Min / Max          |        |                   |                  |
| 56P215/32-GY     | 15            | 32            | POLARISED       | [1.5,1.5]                          | [7,10]             | Grey   | E                 | M20              |
| 56P3/110-GY      | 10            | 110           | 1P + N + E      | [0.75,1]                           | [7,10]             | Grey   | H                 | M20              |
| 56P310-GY        | 10            | 250           | 1P + N + E      | [0.75,1]                           | [7,10]             | Grey   | A                 | M20              |
| 56P310RP-GY      | 10            | 250           | 1P + N + E      | [0.75,1]                           | [7,10]             | Grey   | G                 | M20              |
| 56P310SL-GY      | 10            | 250           | 1P + N + E      | [0.75,1]                           | [7,10]             | Grey   | F                 | M20              |
| 56P315-GY        | 15            | 250           | 1P + N + E      | [1.5,1.5]                          | [7,10]             | Grey   | B                 | M20              |
| 56P320-GY        | 20            | 250           | 1P + N + E      | [1,6]                              | [7,16]             | Grey   | Q                 | 56AM25           |
| 56P320F-GY       | 20            | 250           | 1P + N + E      | [1,6]                              | [10,17.5]          | Grey   | C                 | M20              |
| 56P332-GY        | 32            | 250           | 1P + N + E      | [2.5,25]                           | [9,29]             | Grey   | I                 | 56AM40           |
| 56P210-EO        | 10            | 250           | 1P + N          | [0.75,1]                           | [7,10]             | Orange | D                 | M20              |
| 56P215/32-EO     | 15            | 32            | POLARISED       | [1.5,1.5]                          | [7,10]             | Orange | E                 | M20              |
| 56P3/110-EO      | 10            | 110           | 1P + N + E      | [0.75,1]                           | [7,10]             | Orange | H                 | M20              |
| 56P310-EO        | 10            | 250           | 1P + N + E      | [0.75,1]                           | [7,10]             | Orange | A                 | M20              |
| 56P310RP-EO      | 10            | 250           | 1P + N + E      | [0.75,1]                           | [7,10]             | Orange | G                 | M20              |
| 56P310SL-EO      | 10            | 250           | 1P + N + E      | [0.75,1]                           | [7,10]             | Orange | F                 | M20              |
| 56P313-EO        | 13            | 250           | 1P + N + E      | [0.75,1]                           | [7,10]             | Orange | BS                | M20              |
| 56P315-EO        | 15            | 250           | 1P + N + E      | [1.5,1.5]                          | [7,10]             | Orange | B                 | M20              |
| 56P320-EO        | 20            | 250           | 1P + N + E      | [1,6]                              | [7,16]             | Orange | Q                 | 56AM25           |
| 56P320F-EO       | 20            | 250           | 1P + N + E      | [1,6]                              | [10,17.5]          | Orange | C                 | M20              |
| 56P332-EO        | 32            | 250           | 1P + N + E      | [2.5,25]                           | [9,29]             | Orange | I                 | 56AM40           |
| 56PA320-EO       | 20            | 250           | 1P + N + E      | [1,6]                              | [7,16]             | Orange | Q                 | 56AM25           |
| 56PA332-EO       | 32            | 250           | 1P + N + E      | [2.5,25]                           | [9,29]             | Orange | I                 | 56AM40           |

## Three Phase 10 A - 20 A Plugs

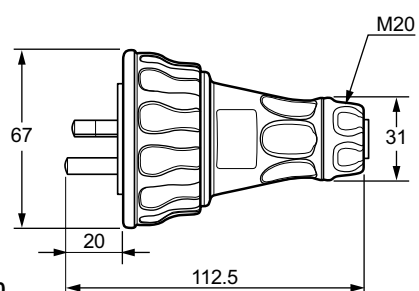
| Neutral - Clipsal 56 Series |               |               |                 |                                    |                    |        |                   |                  |
|-----------------------------|---------------|---------------|-----------------|------------------------------------|--------------------|--------|-------------------|------------------|
| Catalogue Number            | Rated Current | Rated Voltage | Pin Description | Conductor Terminal mm <sup>2</sup> | Cable Nominal Dia. | Colour | Pin Configuration | Gland Nut Thread |
|                             | (A)           | (V)           |                 | Min / Max                          | Min / Max          |        |                   |                  |
| 56P410-GY                   | 10            | 500           | 3P + E          | [1,6]                              | [7,16]             | Grey   | P                 | 56AM25           |
| 56P420-GY                   | 20            | 500           | 3P + E          | [1,6]                              | [7,16]             | Grey   | R                 | 56AM25           |
| 56P510-GY                   | 10            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Grey   | T                 | 56AM25           |
| 56P520-GY                   | 20            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Grey   | U                 | 56AM25           |
| 56PA520-GY                  | 20            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Grey   | U                 | 56AM25           |
| 56P410-EO                   | 10            | 500           | 3P + E          | [1,6]                              | [7,16]             | Orange | P                 | 56AM25           |
| 56P416K-EO                  | 16            | 500           | 3P + E          | [1,6]                              | [7,16]             | Orange | S                 | 56AM25           |
| 56P420-EO                   | 20            | 500           | 3P + E          | [1,6]                              | [7,16]             | Orange | R                 | 56AM25           |
| 56P510-EO                   | 10            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | T                 | 56AM25           |
| 56P520-EO                   | 20            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | U                 | 56AM25           |
| 56P610-EO                   | 10            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | V                 | 56AM25           |
| 56P710-EO                   | 10            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | W                 | 56AM25           |
| 56P720-EO                   | 20            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | X                 | 56AM25           |
| 56PA410-EO                  | 10            | 500           | 3P + E          | [1,6]                              | [7,16]             | Orange | P                 | 56AM25           |
| 56PA416K-EO                 | 16            | 500           | 3P + E          | [1,6]                              | [7,16]             | Orange | S                 | 56AM25           |
| 56PA420-EO                  | 20            | 500           | 3P + E          | [1,6]                              | [7,16]             | Orange | R                 | 56AM25           |
| 56PA510-EO                  | 10            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | T                 | 56AM25           |
| 56PA520-EO                  | 20            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | U                 | 56AM25           |
| 56PA610-EO                  | 10            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | V                 | 56AM25           |
| 56PA710-EO                  | 10            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | W                 | 56AM25           |
| 56PA720-EO                  | 20            | 500 V         | 3P + N + E      | [1,6]                              | [7,16]             | Orange | X                 | 56AM25           |

## Three Phase 32 A - 50 A Plugs

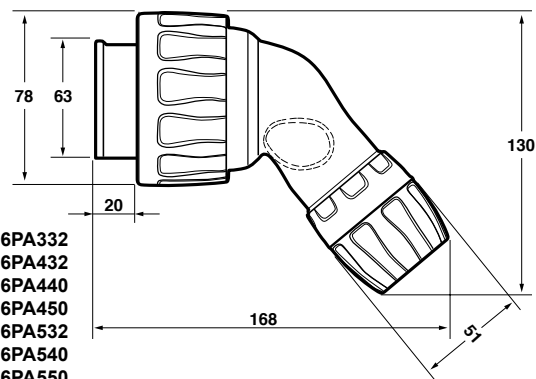
| Neutral - Clipsal 56 Series |               |               |                 |                                    |                    |        |                   |                  |
|-----------------------------|---------------|---------------|-----------------|------------------------------------|--------------------|--------|-------------------|------------------|
| Catalogue Number            | Rated Current | Rated Voltage | Pin Description | Conductor Terminal mm <sup>2</sup> | Cable Nominal Dia. | Colour | Pin Configuration | Gland Nut Thread |
|                             | (A)           | (V)           |                 | Min / Max                          | Min / Max          |        |                   |                  |
| 56P432-GY                   | 32            | 500           | 3P + E          | [2,5,25]                           | [9,29]             | Grey   | J                 | 56AM40           |
| 56P532-GY                   | 32            | 500           | 3P + N + E      | [2,5,25]                           | [9,29]             | Grey   | M                 | 56AM40           |
| 56P540-GY                   | 40            | 500           | 3P + N + E      | [2,5,25]                           | [9,29]             | Grey   | N                 | 56AM40           |
| 56P432-EO                   | 32            | 500           | 3P + E          | [2,5,25]                           | [9,29]             | Orange | J                 | 56AM40           |
| 56P440-EO                   | 40            | 500           | 3P + E          | [2,5,25]                           | [9,29]             | Orange | K                 | 56AM40           |
| 56P450-EO                   | 50            | 500           | 3P + E          | [2,5,25]                           | [9,29]             | Orange | L                 | 56AM40           |
| 56P532-EO                   | 32            | 500           | 3P + N + E      | [2,5,25]                           | [9,29]             | Orange | M                 | 56AM40           |
| 56P540-EO                   | 40            | 500           | 3P + N + E      | [2,5,25]                           | [9,29]             | Orange | N                 | 56AM40           |
| 56P550-EO                   | 50            | 500           | 3P + N + E      | [2,5,25]                           | [9,29]             | Orange | O                 | 56AM40           |
| 56PA432-EO                  | 32            | 500           | 3P + E          | [2,5,25]                           | [9,29]             | Orange | J                 | 56AM40           |
| 56PA440-EO                  | 40            | 500           | 3P + E          | [2,5,25]                           | [9,29]             | Orange | K                 | 56AM40           |
| 56PA450-EO                  | 50            | 500           | 3P + E          | [2,5,25]                           | [9,29]             | Orange | L                 | 56AM40           |
| 56PA532-EO                  | 32            | 500           | 3P + N + E      | [2,5,25]                           | [9,29]             | Orange | M                 | 56AM40           |
| 56PA540-EO                  | 40            | 500           | 3P + N + E      | [2,5,25]                           | [9,29]             | Orange | N                 | 56AM40           |
| 56PA550-EO                  | 50            | 500           | 3P + N + E      | [2,5,25]                           | [9,29]             | Orange | O                 | 56AM40           |



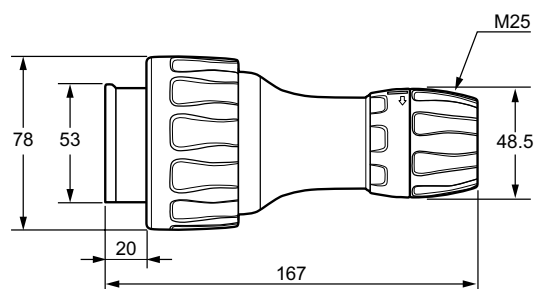
## Dimensions (mm)



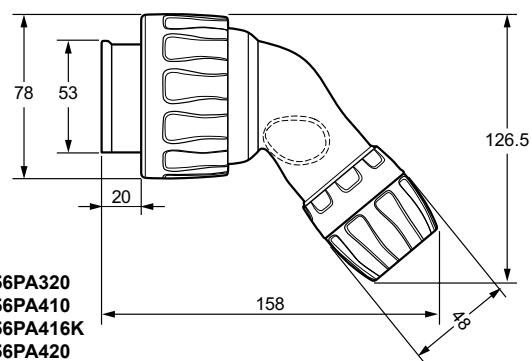
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56P310  
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56P320F



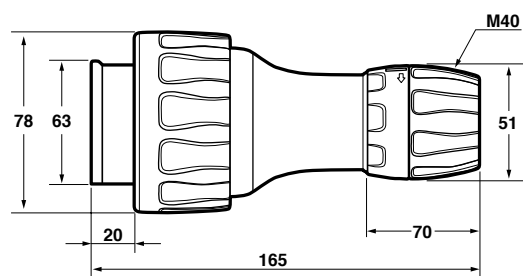
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56PA440  
56PA450  
56PA532  
56PA540  
56PA550



56P320  
56P410  
56P420  
56P510  
56P520  
56P416K  
56P610  
56P710  
56P720



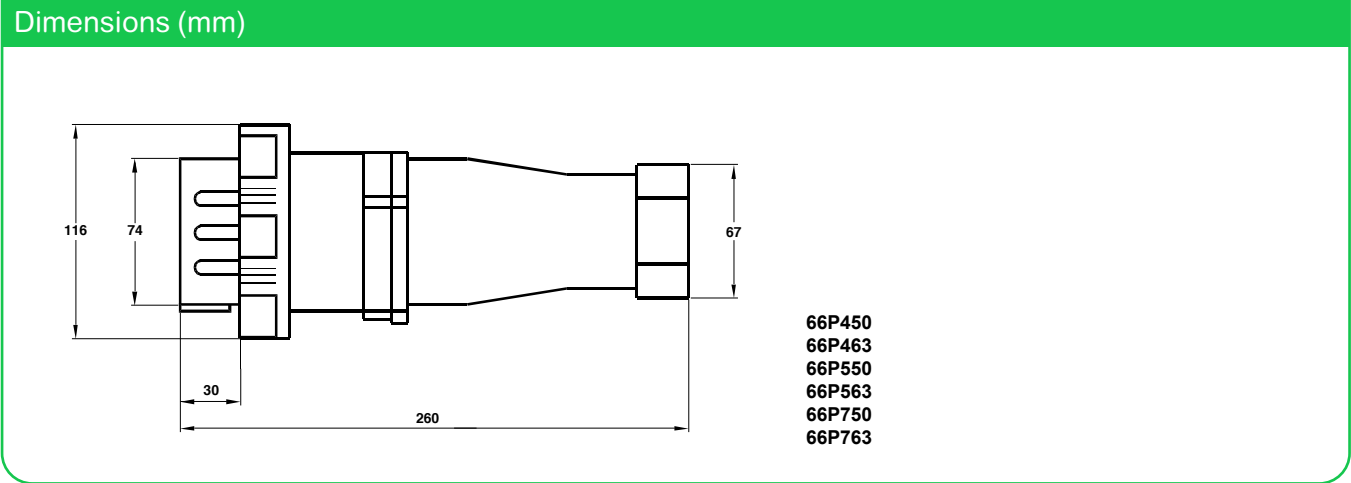
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56PA520  
56PA610  
56PA710  
56PA720



56P332  
56P532  
56P540  
56P550  
56P432  
56P440  
56P450

66 Series Plugs

| Neutral - Clipsal 66 Series |               |               |                                    |                    |                 |                 |
|-----------------------------|---------------|---------------|------------------------------------|--------------------|-----------------|-----------------|
| Catalogue Number            | Rated Current | Rated Voltage | Conductor Terminal mm <sup>2</sup> | Cable Nominal Dia. | Colour          | Entry Size (mm) |
|                             | (A)           | (V)           | Min / Max                          | Min / Max          |                 |                 |
| 66P463-EO                   | 63            | 500           | [6,25]                             | [25.5,40]          | Electric Orange | 50              |
| 66P463G                     | 63            | 500           | [6,25]                             | [25.5,40]          | -               | -               |
| 66P463-RO                   | 63            | 500           | [6,25]                             | [25.5,40]          | Orange          | 50              |
| 66P550-EO                   | 50            | 500           | [6,25]                             | [25.5,40]          | Electric Orange | 50              |
| 66P563-EO                   | 63            | 500           | [6,25]                             | [25.5,40]          | Electric Orange | 50              |
| 66P563G                     | 63            | 500           | [6,25]                             | [25.5,40]          | -               | -               |
| 66P563-RO                   | 63            | 500           | [6,25]                             | [25.5,40]          | Orange          | 50              |



# Extension Sockets and Appliance Connectors

## Extension Sockets and Appliance Connectors

The 56 Series Extension Socket/Appliance Connector range is an important design breakthrough. It provides a common unit for both cord extension socket and appliance connector applications.

All connectors have impact-resistant, UV-stabilised mouldings. The IP66 rating can be achieved when extension sockets or connectors are used in conjunction with compatible accessories such as 56P Plugs, 56PA Plugs, and 56AI Appliance Inlets.

The IP66 rated units feature a flap, which maintains the International Protection Rating when the accessory is not being used.

Flap is not provided as standard with smaller single-phase extension sockets.

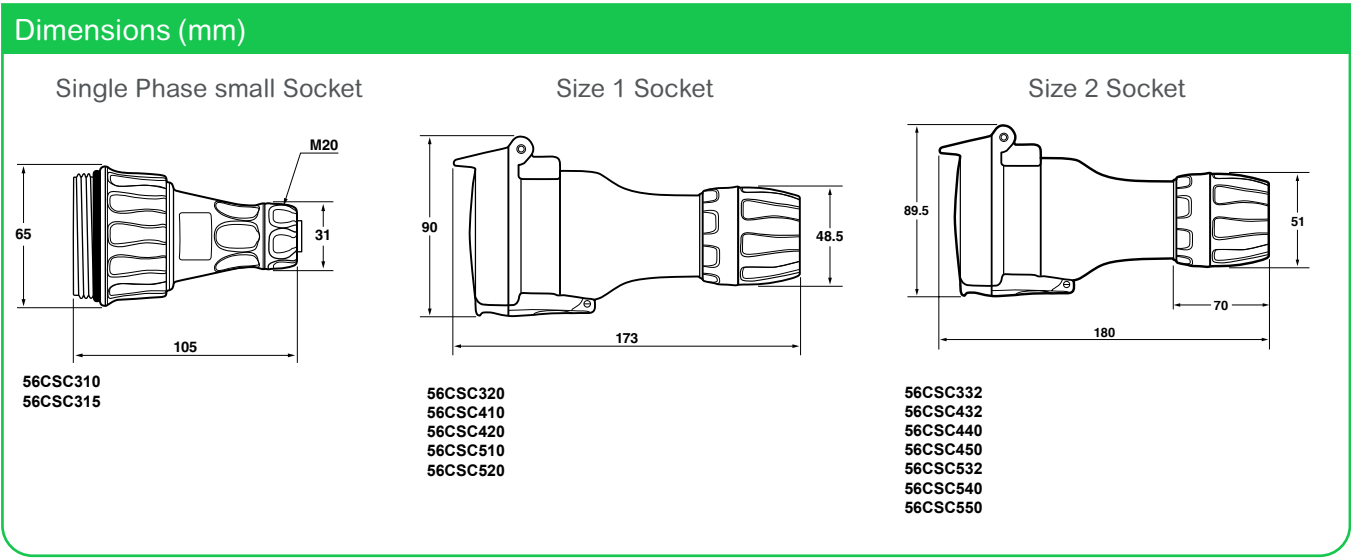
The 56AM25 Adapter suits 25 mm cable and conduit glands, and is suitable on 10 A and 20 A units (three-phase).

The 56AM40 Adapter suits 40 mm cable and conduit glands, and is suitable on 32 A and 50 A units (three-phase).



### Neutral - Clipsal 56 Series

| Catalogue Number | Rated Current (A) | Rated Voltage (V) | Conductor Terminal mm <sup>2</sup> Min./Max | Cable Nominal Dia. Min./Max | Socket Description | Pin Configuration | Gland Nut Thread | Matching Straight | Matching Angled Plug | Colour          |
|------------------|-------------------|-------------------|---------------------------------------------|-----------------------------|--------------------|-------------------|------------------|-------------------|----------------------|-----------------|
| 56CSC310-EO      | 10                | 250               | [0.75,1.5]                                  | [7,16]                      | 1P + N + E         | A                 | M20              | 56P310-EO         | -                    | Electric Orange |
| 56CSC315-EO      | 15                | 250               | [0.75,1.5]                                  | [7,16]                      | 1P + N + E         | B                 | M20              | 56P315-EO         | -                    | Electric Orange |
| 56CSC320-EO      | 20                | 250               | [1,6]                                       | [7,16]                      | 1P + N + E         | Q                 | 56AM25           | 56P320-EO         | 56PA320-EO           | Electric Orange |
| 56CSC332-EO      | 32                | 250               | [2.5,25]                                    | [9,29]                      | 1P + N + E         | I                 | 56AM40           | 56P332-EO         | 56PA332-EO           | Electric Orange |
| 56CSC410-EO      | 10                | 500               | [1,6]                                       | [7,16]                      | 3P + E             | P                 | 56AM25           | 56P410-EO         | 56PA410-EO           | Electric Orange |
| 56CSC420-EO      | 20                | 500               | [1,6]                                       | [7,16]                      | 3P + E             | R                 | 56AM25           | 56P420-EO         | 56PA420-EO           | Electric Orange |
| 56CSC432-EO      | 32                | 500               | [2.5,25]                                    | [9,29]                      | 3P + E             | J                 | 56AM40           | 56P432-EO         | 56PA432-EO           | Electric Orange |
| 56CSC440-EO      | 40                | 500               | [2.5,25]                                    | [9,29]                      | 3P + E             | K                 | 56AM40           | 56P440-EO         | 56PA440-EO           | Electric Orange |
| 56CSC450-EO      | 50                | 500               | [2.5,25]                                    | [9,29]                      | 3P + E             | L                 | 56AM40           | 56P450-EO         | 56PA450-EO           | Electric Orange |
| 56CSC510-EO      | 10                | 500               | [1,6]                                       | [7,16]                      | 3P + N + E         | T                 | 56AM25           | 56P510-EO         | 56PA510-EO           | Electric Orange |
| 56CSC520-EO      | 20                | 500               | [1,6]                                       | [7,16]                      | 3P + N + E         | U                 | 56AM25           | 56P520-EO         | 56PA520-EO           | Electric Orange |
| 56CSC532-EO      | 32                | 500               | [2.5,25]                                    | [9,29]                      | 3P + N + E         | M                 | 56AM40           | 56P532-EO         | 56PA532-EO           | Electric Orange |
| 56CSC540-EO      | 40                | 500               | [2.5,25]                                    | [9,29]                      | 3P + N + E         | N                 | 56AM40           | 56P540-EO         | 56PA540-EO           | Electric Orange |
| 56CSC550-EO      | 50                | 500               | [2.5,25]                                    | [9,29]                      | 3P + N + E         | O                 | 56AM40           | 56P550-EO         | 56PA550-EO           | Electric Orange |
| 56CSC310-GY      | 10                | 250               | [0.75,1.5]                                  | [7,16]                      | 1P + N + E         | A                 | M20              | 56P310-GY         | -                    | Grey            |
| 56CSC315-GY      | 15                | 250               | [0.75,1.5]                                  | [7,16]                      | 1P + N + E         | B                 | M20              | 56P315-GY         | -                    | Grey            |



## Pendant Outlets

Clipsal 56PO three-phase Pendant Outlets are a hanging version of the 56CSC Connectors. The Pendant Outlets range from 56PO410 to 56PO550, and all have impact-resistant UV-stabilised mouldings.

56CSC Connectors can be converted to Pendant Outlets with the use of 56SHL or 56SHM suspension hooks.

### Switched Pendant Outlets

The 56 Series Switched Pendant Outlet combines performance and functionality. An IP66 rated outlet provides the ability to disconnect the supply without unplugging and from a prominent location.

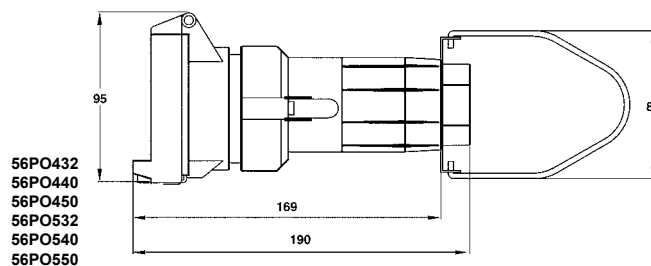
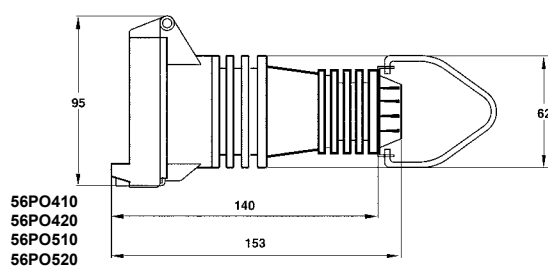
The 56SP0310 and 56SP0315 are available within this range.



## Neutral - Clipsal 56 Series

| Catalogue Number | Rated Current | Rated Voltage | Conductor Terminal mm <sup>2</sup> | Cable Nominal Dia. | Socket Description | Pin Configuration | Gland Nut Thread | Matching Straight | Matching Angled Plug | Colour          |
|------------------|---------------|---------------|------------------------------------|--------------------|--------------------|-------------------|------------------|-------------------|----------------------|-----------------|
|                  | (A)           | (V)           | Min./Max                           | Min./Max           |                    |                   |                  |                   |                      |                 |
| 56PO420-EO       | 20            | 500           | [1,6]                              | [7,16]             | 3P + E             | R                 | 56AM25           | 56P420-EO         | 56PA420-EO           | Electric Orange |
| 56PO432-EO       | 32            | 500           | [2.5,25]                           | [9,29]             | 3P + E             | J                 | 56AM40           | 56P432-EO         | 56PA432-EO           | Electric Orange |
| 56PO510-EO       | 10            | 500           | [1,6]                              | [7,16]             | 3P + N + E         | T                 | 56AM25           | 56P510-EO         | 56PA510-EO           | Electric Orange |
| 56PO520-EO       | 20            | 500           | [1,6]                              | [7,16]             | 3P + N + E         | U                 | 56AM25           | 56P520-EO         | 56PA520-EO           | Electric Orange |
| 56PO532-EO       | 32            | 500           | [2.5,25]                           | [9,29]             | 3P + N + E         | M                 | 56AM40           | 56P532-EO         | 56PA532-EO           | Electric Orange |
| 56PO550-EO       | 50            | 500           | [2.5,25]                           | [9,29]             | 3P + N + E         | O                 | 56AM40           | 56P550-EO         | 56PA550-EO           | Electric Orange |
| 56SPO310-RW      | 10            | 250           | [0.75,2.5]                         | [7,10]             | 1P + N + E         | A                 | M20              | 56P310            | -                    | White           |
| 56SPO315-RW      | 15            | 250           | [0.75,2.5]                         | [7,10]             | 1P + N + E         | B                 | M20              | 56P315            | -                    | White           |

## Dimensions (mm)





# Special Combinations and Modules

A poorly maintained appliance, a frayed cord, wet hands or carelessness with power tools are all situations that can lead to tragedy. To help avoid electrocution in industrial environments, 56 series has a range of combination switched sockets with inbuilt RCD protection. The RCD works by constantly monitoring and comparing the current flow in both the Active and Neutral circuits of an electrical installation.

During normal operation, these Active and Neutral currents are in balance. However, if current flows to Earth, an imbalance is created in these circuits. If this imbalance is sufficient (30 mA), the RCD will cut the electrical supply in less than 40 milliseconds, perhaps the most important fraction of a second in someone's life. Apart from the protection from electrocution that an RCD offers, it will also cut off power to expensive electrical equipment in the event of an electrical fault to Earth.

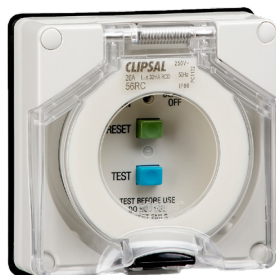
The 56 series Combination Switched Sockets with RCD protection enable quick disconnection of power in the case of an emergency and provide motor rated isolation. A neon is standard on all models to indicate that the RCD is protecting the outlet. If the neon is not illuminated, the RCD has tripped and no power is available from the socket. The internal phase connections between switches and sockets are factory wired.

The 56RC provides stand alone protection or multiple protection of socket outlets in a modular IP66 Series Enclosure.

The RCD used in Clipsal 56 Series Modules only helps protect against shocks from current passing through the body to Earth.

Complete protection under all circumstances is not possible from this or any other device.

## Single Phase Residual Current Device



56RCLE-GY



56RC-GY

| Neutral - Clipsal 56 Series |                             |                        |                |                    |         |                                           |                       |     |                |     |        |
|-----------------------------|-----------------------------|------------------------|----------------|--------------------|---------|-------------------------------------------|-----------------------|-----|----------------|-----|--------|
| Catalogue Number            | No. of Switch Poles         | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Voltage Parameters |         | Prospective Short                         | Cond. Term Size in mm |     | O/A Dimensions |     | Colour |
|                             |                             |                        |                | Min (V)            | Max (V) | Circuit Current 33 kA for 40 mS           | Min Max / Cond.       | (H) | (W)            | (D) |        |
| 56RC-GY                     | 2 Pole 30 mA<br>1 Phase RCD | 20                     | 250            | 190                | 260     | Unit must be protectedby<br>20 A max. MCB | [1,10]                | 101 | 101            | 101 | Grey   |
| 56RCLE-GY                   | 2 Pole 30 mA<br>1 Phase RCD | 20                     | 250            | 190                | 260     | Unit must be protectedby<br>20 A max. MCB | [1,10]                | 101 | 101            | 101 | Grey   |
| 56RCLE-RA                   | 2 Pole 30 mA<br>1 Phase RCD | 20                     | 250            | 190                | 260     | Unit must be protectedby<br>20 A max. MCB | [1,10]                | 101 | 101            | 101 | Green  |

## RCD Protected Socket Outlets

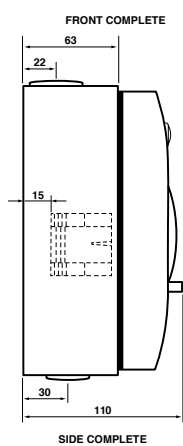


56C532RC

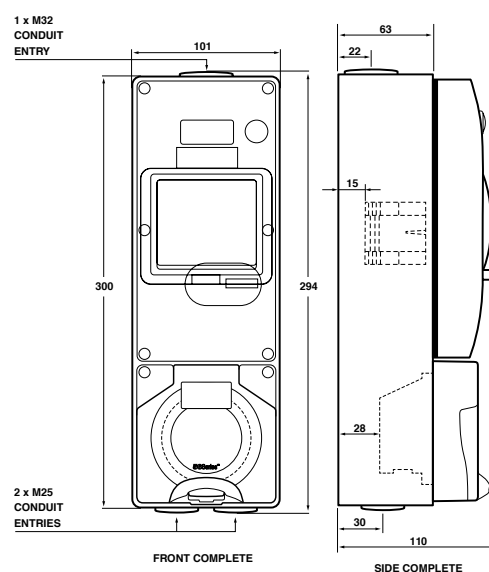
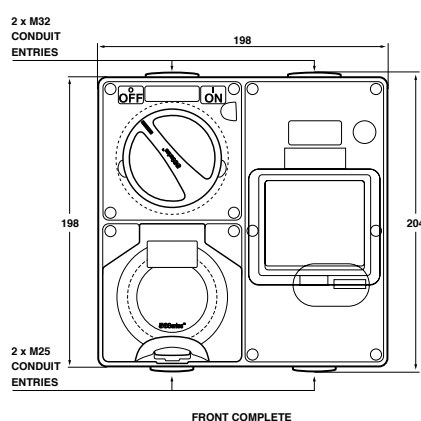
## Neutral - Clipsal 56 Series

| Catalogue Number | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Protection | Number of Gangs | Cond. Term Size in mm <sup>2</sup> | O/A Dimensions |     |     | Matching Straight plug | Matching Angled Plug | Socket Config. | Colour |
|------------------|------------------------|----------------|------------|-----------------|------------------------------------|----------------|-----|-----|------------------------|----------------------|----------------|--------|
|                  |                        |                |            |                 | Min Max / Cond.                    | (H)            | (W) | (D) |                        |                      |                |        |
| 56C310RC-GY      | 10                     | 250            | 30 mA RCD  | 2 Gang          | [1,6]                              | 204            | 101 | 102 | 56P310                 | -                    | A              | Grey   |
| 56C315RC-GY      | 15                     | 250            | 30 mA RCD  | 2 Gang          | [1,6]                              | 204            | 101 | 102 | 56P315                 | -                    | B              | Grey   |
| 56C410RC-GY      | 10                     | 500            | 30 mA RCD  | 3 Gang          | [1.5,16]                           | 294            | 101 | 110 | 56P410                 | 56PA410              | K              | Grey   |
| 56C420RC-GY      | 20                     | 500            | 30 mA RCD  | 3 Gang          | [1.5,16]                           | 294            | 101 | 110 | 56P420                 | 56PA420              | L              | Grey   |
| 56C432RC-GY      | 32                     | 500            | 30 mA RCD  | 3 Gang          | [4,16]                             | 294            | 101 | 110 | 56P432                 | 56PA432              | N              | Grey   |
| 56C510RC-GY      | 10                     | 500            | 30 mA RCD  | 3 Gang          | [1.5,16]                           | 294            | 101 | 110 | 56P510                 | 56PA510              | Q              | Grey   |
| 56C520RC-GY      | 20                     | 500            | 30 mA RCD  | 3 Gang          | [1.5,16]                           | 294            | 101 | 110 | 56P520                 | 56PA520              | R              | Grey   |
| 56C532RC-GY      | 32                     | 500            | 30 mA RCD  | 3 Gang          | [4,16]                             | 294            | 101 | 110 | 56P532                 | 56PA532              | S              | Grey   |
| 56C540RC-GY      | 40                     | 500            | 30 mA RCD  | 3 Gang          | [10,16]                            | 294            | 101 | 110 | 56P540                 | 56PA540              | T              | Grey   |

## Dimensions (mm)



56SC410RC



56C410RC

## Switched RCD Protected Socket Outlets



56SC510RC-GY

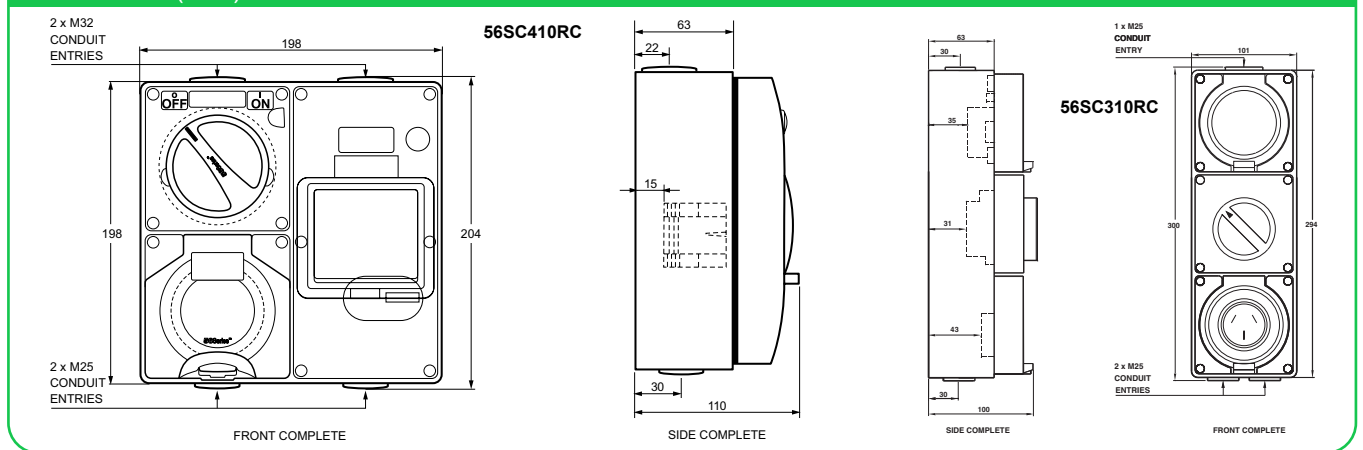


56SC310RC-GY

## Neutral - Clipsal 56 Series

| Catalogue Number | No. of Switch Poles | $I_{the}$ (Amp) | $U_i / U_e$ (Volt) | I <sub>e</sub> (A) Utilisation Category |       |       | M Rating | Protection | Number of Gangs | Cond. Term Size in mm | O/A Dimensions |     |     | Matching Straight Plug | Matching Angled Plug | Socket Config. | Colour |
|------------------|---------------------|-----------------|--------------------|-----------------------------------------|-------|-------|----------|------------|-----------------|-----------------------|----------------|-----|-----|------------------------|----------------------|----------------|--------|
|                  |                     |                 |                    | AC21A                                   | AC23A | AC22A |          |            |                 |                       | Min/Max        | (H) | (W) | (D)                    |                      |                |        |
| 56SC310RC-GY     | 1P                  | 10              | 8                  | 10                                      | 8     | 8     | M100     | 30mARCD    | 3 Gang          | [2,5,6]               | 294            | 101 | 100 | 56P310                 | -                    | A              | Grey   |
| 56SC315RC-GY     | 1P                  | 15              | 8                  | 15                                      | 8     | 8     | M100     | 30mARCD    | 3 Gang          | [2,5,6]               | 294            | 101 | 100 | 56P315                 | -                    | B              | Grey   |
| 56SC410RC-GY     | 3P                  | 10              | 10                 | 10                                      | 10    | 10    | M100     | 30mARCD    | 4 Gang          | [1,5,16]              | 204            | 204 | 135 | 56P410                 | 56PA410              | K              | Grey   |
| 56SC420RC-GY     | 3P                  | 20              | 20                 | 20                                      | 20    | 20    | M100     | 30mARCD    | 4 Gang          | [1,5,16]              | 204            | 204 | 135 | 56P420                 | 56PA420              | L              | Grey   |
| 56SC432RC-GY     | 3P                  | 32              | 32                 | 32                                      | 32    | 20    | M100     | 30mARCD    | 4 Gang          | [4,16]                | 204            | 204 | 135 | 56P432                 | 56PA432              | N              | Grey   |
| 56SC510RC-GY     | 3P                  | 10              | 10                 | 10                                      | 10    | 10    | M100     | 30mARCD    | 4 Gang          | [1,5,16]              | 204            | 204 | 135 | 56P510                 | 56PA510              | Q              | Grey   |
| 56SC520RC-GY     | 3P                  | 20              | 20                 | 20                                      | 20    | 20    | M100     | 30mARCD    | 4 Gang          | [1,5,16]              | 204            | 204 | 135 | 56P520                 | 56PA520              | R              | Grey   |
| 56SC532RC-GY     | 3P                  | 32              | 32                 | 32                                      | 32    | 20    | M100     | 30mARCD    | 4 Gang          | [4,16]                | 204            | 204 | 135 | 56P532                 | 56PA532              | S              | Grey   |
| 56SC540RC-GY     | 3P                  | 40              | 40                 | 40                                      | 40    | 20    | M100     | 30mARCD    | 4 Gang          | [10,16]               | 204            | 204 | 135 | 56P540                 | 56PA540              | T              | Grey   |

## Dimensions (mm)



## Portable Combined Switched Sockets with RCD

Ruggedly constructed, these portable units feature an easy to carry handle, a hanging facility for builders' poles and three metres of heavy-duty flexible cord.

## Neutral - Clipsal 56 Series

| Catalogue Number | No. of Phases | $I_{the}$ (Amp) | $U_i / U_e$ (Volt) | Protection | O/A Dimensions |     |     | Matching Straight Plug | Socket Type | Socket Config. | Colour |
|------------------|---------------|-----------------|--------------------|------------|----------------|-----|-----|------------------------|-------------|----------------|--------|
|                  |               |                 |                    |            | (H)            | (W) | (D) |                        |             |                |        |
| 56SO4ELP15-GY    | 1             | 15              | 250                | 30mARCD    | 243            | 294 | 105 | 56P315                 | 3 Flat Pins | B              | Grey   |

## Combination Switched Sockets and 24 Hour Timer

The 56 Series combinations with a timer have been specially developed for swimming pool applications. Both manual and automatic switching are provided. When manual switching is desired, the time clock is overridden, allowing the unit to be operated as required.

The 24 hour timer has been expressly designed for Australian conditions.

All units are supplied with a Clipsal 439 PVC Plug and Clipsal 437PR Weatherproof Ring for each socket outlet.

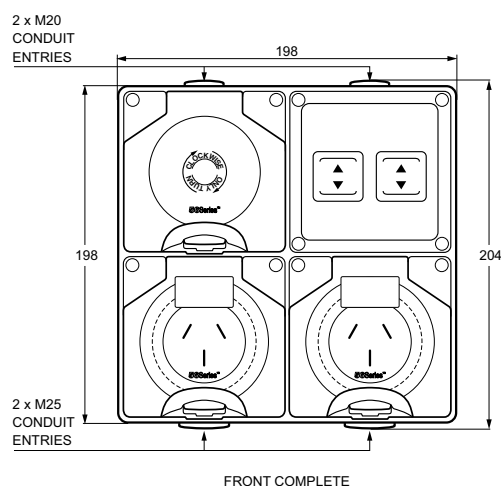
Ruggedly constructed, these portable units feature an easy to carry handle, a hanging facility for builders' poles and three metres of heavy-duty flexible cord.



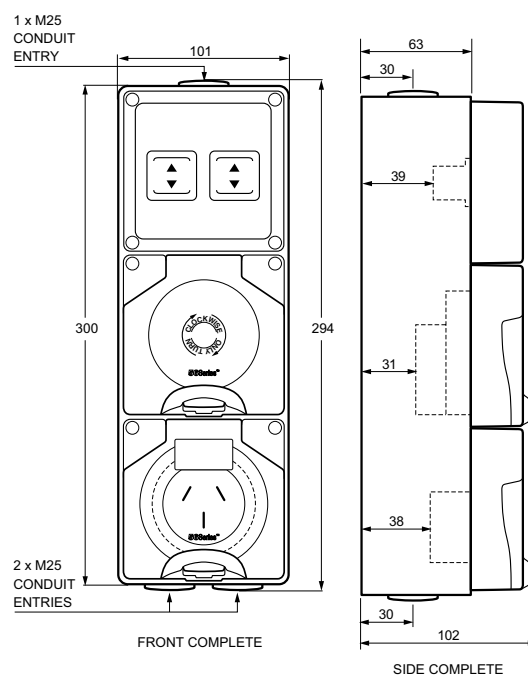
### Neutral - Clipsal 56 Series

| Catalogue Number | No. of Switch Poles | $I_{the}$ (Amp) | $U_i / U_e$ (Volt) | Type of Socket | Cond. Term Size in $mm^2$ | O/A Dimensions |     |     | Matching Plug | Socket Config. |
|------------------|---------------------|-----------------|--------------------|----------------|---------------------------|----------------|-----|-----|---------------|----------------|
|                  |                     |                 |                    |                | Min Max / Cond.           | (H)            | (W) | (D) |               |                |
| 56CTC15-GY       | 1P                  | 15              | 250                | 1P + N + E     | [2.5,6]                   | 294            | 101 | 102 | 56P315        | B              |
| 56CTC2SO-GY      | 1P                  | 10              | 250                | 1P + N + E     | [2.5,6]                   | 294            | 294 | 102 | 56P310        | A              |
| 56CTC-GY         | 1P                  | 10              | 250                | 1P + N + E     | [2.5,6]                   | 294            | 101 | 102 | 56P310        | A              |
| 56CTCLE-GY       | 1P                  | 10              | 250                | 1P + N + E     | [2.5,6]                   | 294            | 101 | 0   | 56P310        | A              |

### Dimensions (mm)



56CTC2SO



56CTC

Push Button Timers



56PB10T-GY

| Neutral - Clipsal 56 Series |                     |                        |                |                   |                               |                |     |     |                    |
|-----------------------------|---------------------|------------------------|----------------|-------------------|-------------------------------|----------------|-----|-----|--------------------|
| Catalogue Number            | No. of Switch Poles | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Type of Switching | Max control link cable length | O/A Dimensions |     |     | Connectivity       |
|                             |                     |                        |                |                   |                               | (H)            | (W) | (D) |                    |
| 56PB10T-GY                  | 1P                  | 15A / 10AX             | 240            | Relay             | 50m                           | 101            | 101 | 77  | Control Link / BLE |
| 56PB10TLE-GY                | 1P                  | 15A / 10AX             | 240            | Relay             | 50m                           | 101            | 101 | 77  | Control Link / BLE |



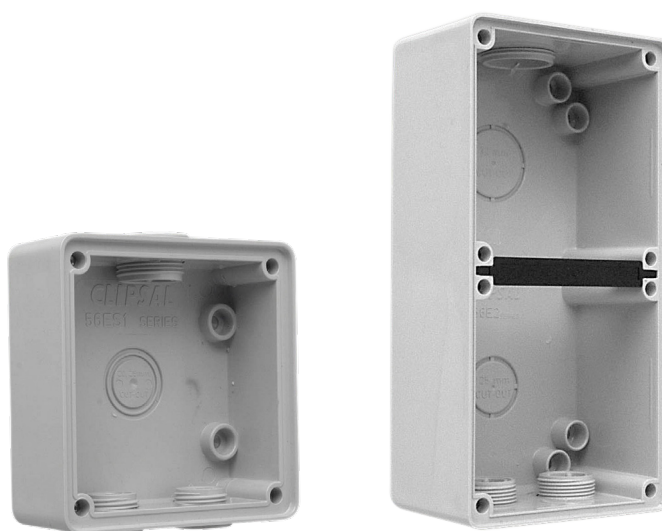
## Mounting Enclosures (Lids & Back Boxes)

All 56 Series Mounting Back Boxes are moulded in UV stabilised rigid PVC to facilitate glueing of fittings for conduit entry. Ample conduit and cable entries are provided and there is plenty of wiring room for easy installation.

All screwed conduit entries are provided with plugs. The multigang enclosures feature moulded bridges between modules to help ensure switches and sockets sit flush on a continuous surface. Moulded dividers are also available for multigang boxes to segregate services and are standard with 4, 6, 8, 9 and 16 gang enclosures.

Each enclosure has a number of mounting points and 220/10 Sealing Plugs are provided to double insulate mounting screw heads and help ensure the IP rating.

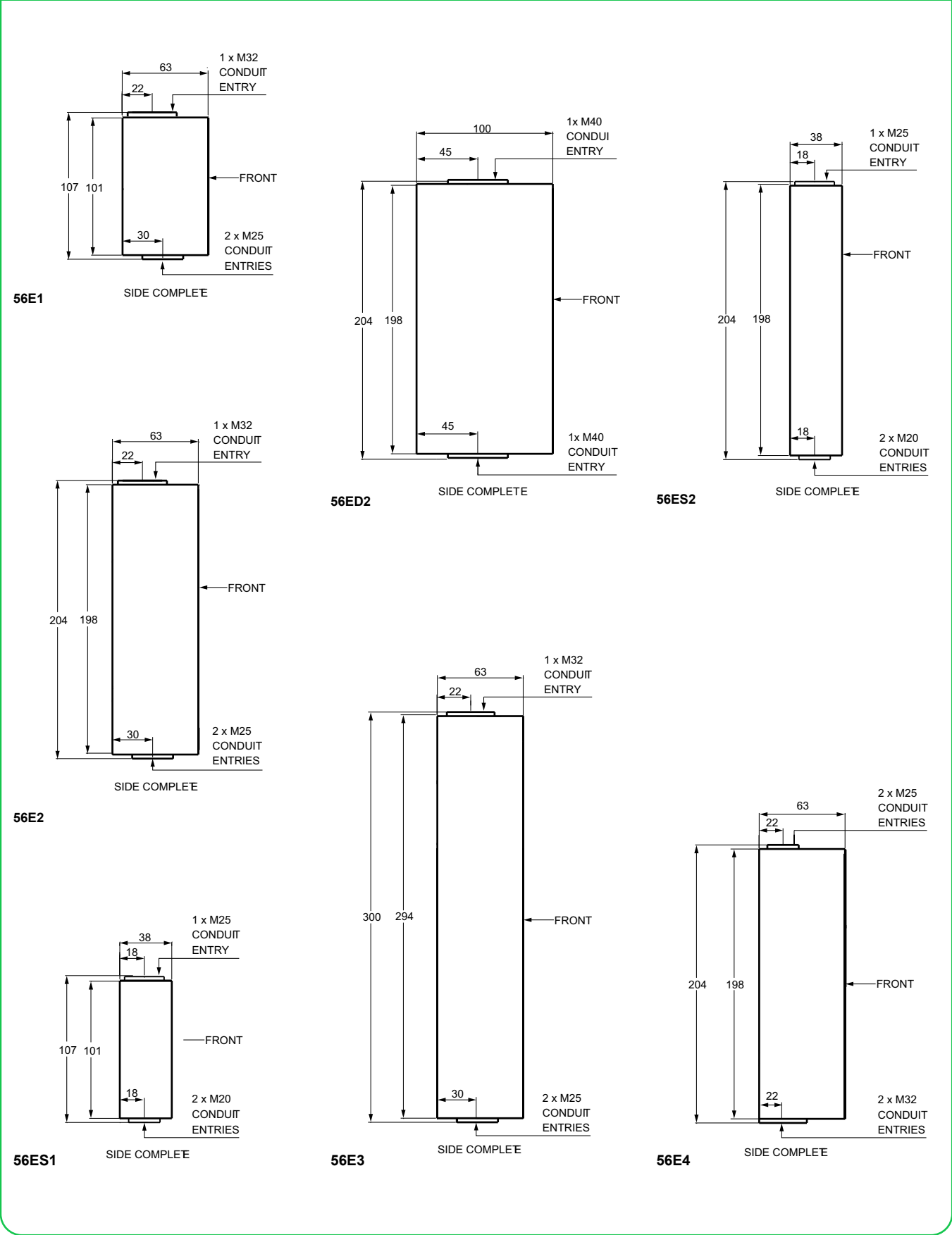
Moulded gaskets are supplied with switch and socket modules.



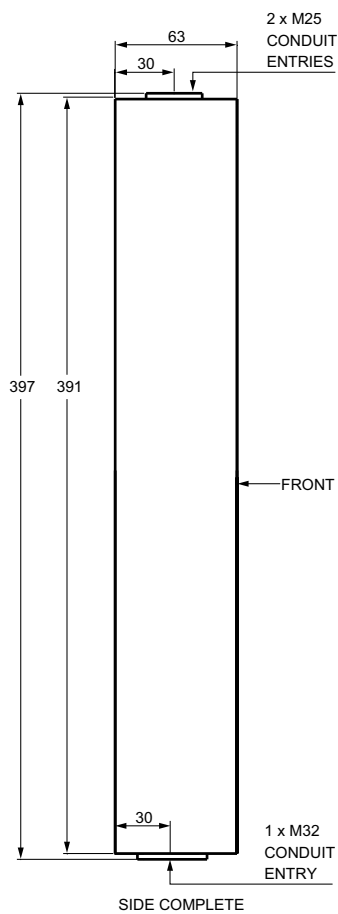
### Neutral - Clipsal 56 Series

| Catalogue Number | No. of Gangs | O/A Dimensions |     |     | Matching Points | No. of Conduit Entries (mm) | Cut-out Provision (mm) | Colour | Bridges | Dividers |
|------------------|--------------|----------------|-----|-----|-----------------|-----------------------------|------------------------|--------|---------|----------|
|                  |              | (H)            | (W) | (D) |                 |                             |                        |        |         |          |
| 56E1-GY          | 1            | 102            | 102 | 63  | 8               | 2 x 25 - 1 x 32             | 1 x 25/32              | Grey   | 0       | 0        |
| 56ES1-GY         | 1 Shallow    | 102            | 102 | 40  | 4               | 2 x 25 - 1 x 32             | 1 x 20/25              | Grey   | 0       | 0        |
| 56E2-GY          | 2            | 198            | 102 | 63  | 8               | 2 x 25 - 1 x 32             | 1 x 25, 1 x 32         | Grey   | 1       | 0        |
| 56E2BLANK-GY     | 2            | 198            | 102 | 63  | 8               | 0                           | 1 x 25, 1 x 32         | Grey   | 0       | 0        |
| 56ES2-GY         | 2 Shallow    | 198            | 102 | 40  | 4               | 2 x 25 - 1 x 32             | 2 x 20/25              | Grey   | 1       | 0        |
| 56ED2-GY         | 2 Deep       | 198            | 102 | 100 | 8               | 3 x 40                      | 1 x 25, 1 x 32         | Grey   | 1       | 0        |
| 56EV2/225-GY     | 2 Vertical   | 110            | 145 | 110 | 0               | 2 x 25                      | 0                      | Grey   | 0       | 0        |
| 56EV2-GY         | 2 Vertical   | 110            | 145 | 110 | 0               | 2 x 25 - 1 x 32             | 0                      | Grey   | 0       | 0        |
| 56EV2/32-GY      | 2 Vertical   | 110            | 145 | 110 | 0               | 1 x 32                      | 0                      | Grey   | 0       | 0        |
| 56E3-GY          | 3            | 294            | 102 | 63  | 16              | 2 x 25 - 1 x 32             | 2 x 25, 1 x 32         | Grey   | 2       | 0        |
| 56E4-GY          | 3            | 198            | 198 | 63  | 16              | 2 x 25 - 4 x 32             | 2 x 25, 1 x 32, 1 x 40 | Grey   | 2       | 2        |
| 56E4VH-GY        | 4 Vertical   | 396            | 102 | 63  | 16              | 1 x 25 - 1 x 32             | 2 x 25, 1 x 32, 1 x 40 | Grey   | 3       | 0        |
| 56E6-GY          | 6            | 296            | 198 | 63  | 24              | 2 x 25 - 2 x 32             | 2 x 25, 2 x 32, 2 x 40 | Grey   | 3       | 4        |
| 56E8-GY          | 8            | 396            | 198 | 63  | 28              | 2 x 25 - 2 x 32             | 4 x 25, 2 x 32, 2 x 40 | Grey   | 4       | 6        |
| 56E9-GY          | 9            | 296            | 296 | 63  | 28              | 3 x 25 - 2 x 32             | 4 x 32, 2 x 32, 2 x 40 | Grey   | 6       | 6        |
| 56E16-GY         | 16           | 396            | 396 | 63  | 48              | 4 x 32 - 4 x 40             | 6 x 25, 6 x 32, 4 x 40 | Grey   | 8       | 12       |

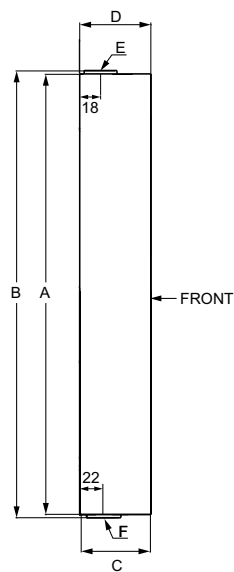
Dimensions (mm)



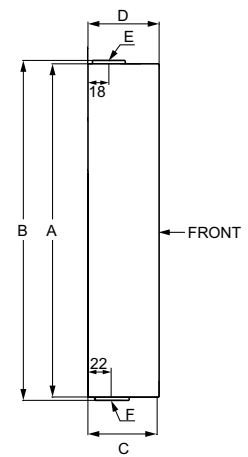
## Dimensions (mm)



56E4VH

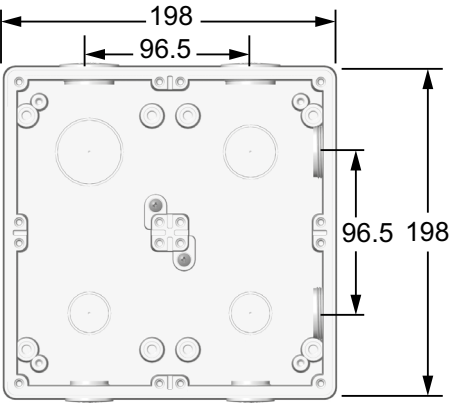


56E8, 56E16

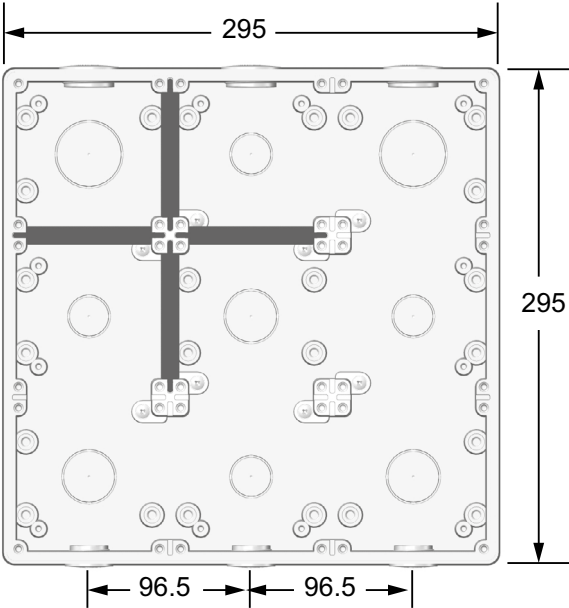


56E6, 56E9

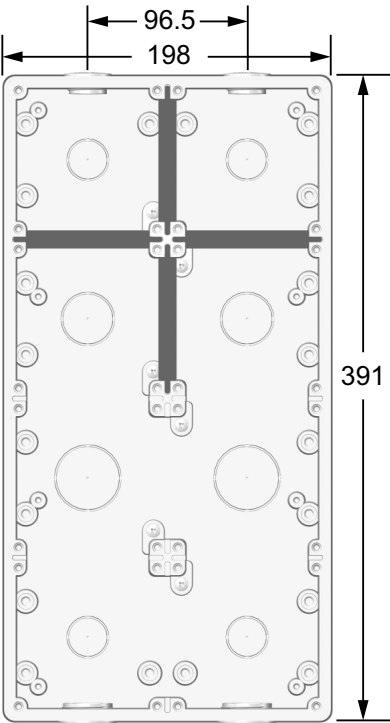
| Catalogue<br>Number | No.<br>Gangs | Dimensions(mm) |     |     |    | Conduit Entries |         | Cut Out Provisions |    |    | 56 DV<br>Dividers | 56B<br>Bridges | Mounting<br>Points |
|---------------------|--------------|----------------|-----|-----|----|-----------------|---------|--------------------|----|----|-------------------|----------------|--------------------|
|                     |              | A              | B   | C   | D  | E               | F       | G                  | H  | I  |                   |                |                    |
| 56E6                | 6            | 294            | 300 | 198 | 63 | 2 x M25         | 2 x M32 | 25                 | 32 | 40 | 4                 | 3              | 24                 |
| 56E8                | 8            | 392            | 398 | 198 | 63 | 2 x M25         | 2 x M32 | 25                 | 32 | 40 | 6                 | 4              | 28                 |
| 56E9                | 9            | 294            | 300 | 294 | 63 | 3 x M25         | 3 x M32 | 25                 | 32 | 40 | 6                 | 6              | 28                 |
| 56E16               | 16           | 392            | 398 | 392 | 63 | 2 x M25         | 2 x M32 | 25                 | 32 | 40 | 12                | 8              | 48                 |



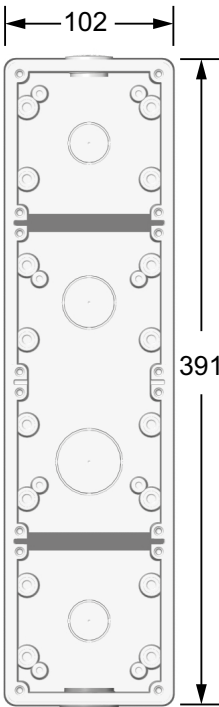
56E4-GY



56E9-GY



56E8-GY



56E4VH-GY

## Mounting Enclosure Lids (Covers)

- Mounting enclosure lids are moulded in UV stabilised polycarbonate.
- All are 28 mm high and supplied complete with sealing gasket.
- One gang, 28 mm high lids are also available pre-drilled to accept 22 or 30.5 mm diameter IP56 rated push- buttons or indicating lights. Dimensions are identical to the 56L1.

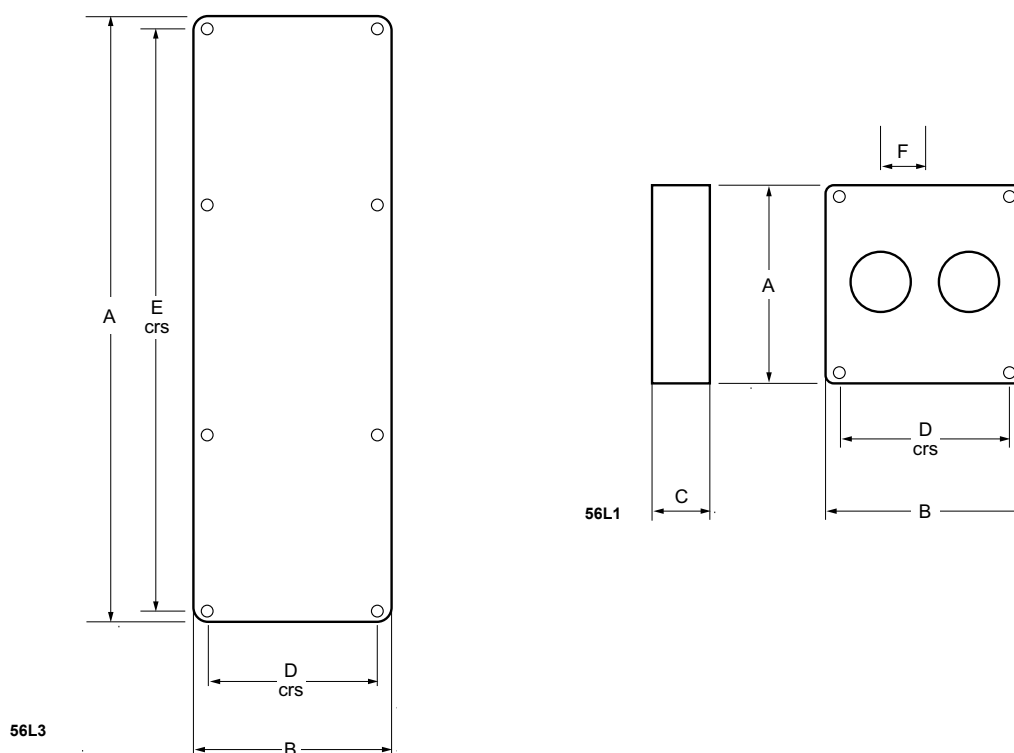


56L2-GY

### Neutral - Clipsal 56 Series

| Catalogue Number | No. of Gangs | O/A Dimensions |     |    |     |     |    | Pre Drilled Hole Diameter (mm) |   | Hole Quantity | Colour      |
|------------------|--------------|----------------|-----|----|-----|-----|----|--------------------------------|---|---------------|-------------|
|                  |              | A              | B   | C  | D   | E   | F  |                                |   |               |             |
| 56L1-GY          | 1            | 95             | 95  | 28 | 84  | 84  | -  | -                              | - | -             | Grey        |
| 56L2-GY          | 2            | 192            | 95  | 28 | 84  | 181 | -  | -                              | - | -             | Grey        |
| 56L2-TR          | 2            | 192            | 95  | 28 | 84  | 181 | -  | -                              | - | -             | Transparent |
| 56L3-GY          | 3            | 288            | 95  | 28 | 84  | 277 | -  | -                              | - | -             | Grey        |
| 56L4-GY          | 4            | 192            | 192 | 28 | 181 | 181 | -  | -                              | - | -             | Grey        |
| 56L1/22/2-GY     | 1            | 95             | 95  | 28 | 84  | 84  | 20 | 22                             | 2 | -             | Grey        |
| 56L1/22-GY       | 1            | 95             | 95  | 28 | 84  | 84  | -  | 22                             | 1 | -             | Grey        |
| 56L1/30/2-GY     | 1            | 95             | 95  | 28 | 84  | 84  | 20 | 30                             | 2 | -             | Grey        |
| 56L1/30-GY       | 1            | 95             | 95  | 28 | 84  | 84  | -  | 30                             | 1 | -             | Grey        |

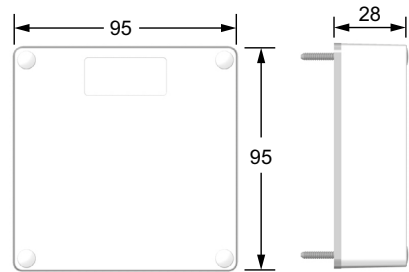
### Dimensions (mm)



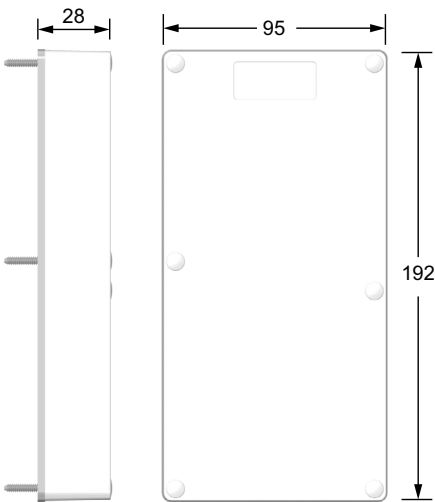


Dimensions (mm)

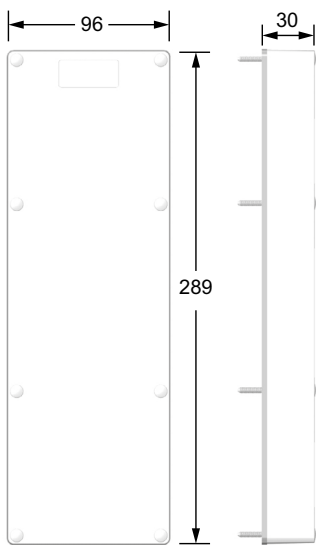
56L1-GY



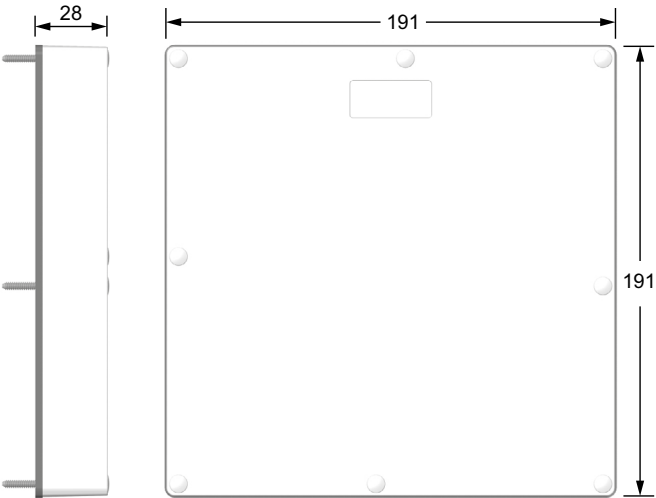
56L2-GY



56L3-GY



56L4-GY



## Pendant Outlet Kits

The 56PEK25 and 56PEK32 Suspension Enclosure Kit is a two module angled enclosure with a large eye for attaching a chain. The angle feature allows for greater ease of operation while suspended. The 56PEK25 has one single 25 mm entry and the 56PEK32 has one 32 mm entry.

The suspension enclosure is angled for easier operation in commercial and industrial environments.



### Neutral - Clipsal 56 Series

| Catalogue Number | No. of Gangs | Description                                                 | No. of Conduit Entries (mm) | Colour | Bridges |
|------------------|--------------|-------------------------------------------------------------|-----------------------------|--------|---------|
| 56PEK25-GY       | 2            | 56 Series Switched Pendant Outlet Kit - 25 mm conduit entry | 1 x 25                      | Grey   | 1       |
| 56PEK32-GY       | 2            | 56 Series Switched Pendant Outlet Kit - 32 mm conduit entry | 1 x 32                      | Grey   | 1       |

# Adaptable Enclosures

## DIN Rail Accessory Mounting Cover Kits

The 56 Series Two Gang Cover Assemblies are moulded in hi-impact polycarbonate and feature a specially designed mounting bracket which accommodates the full range of Schneider Electric circuit breakers, RCDs, and combination MCB/RCDs.

Covers suit all 56 Series enclosures (minimum standard depth 63 mm) and are supplied with neon indicators, which can be wired from either the line or load side of the switch.

The unique 56CB4NM protective membrane, incorporated into the unit, covers MCBs, RCDs, and accessories to provide a barrier against dust and water, including wet hands when the flap is opened to reset switches.

All 56CB4 include a padlocking facility on the cover flap.

56CB4 series does not include mounting enclosure (back box), if required standard two-gang version can be ordered separately using catalogue no. 56E2-GY.

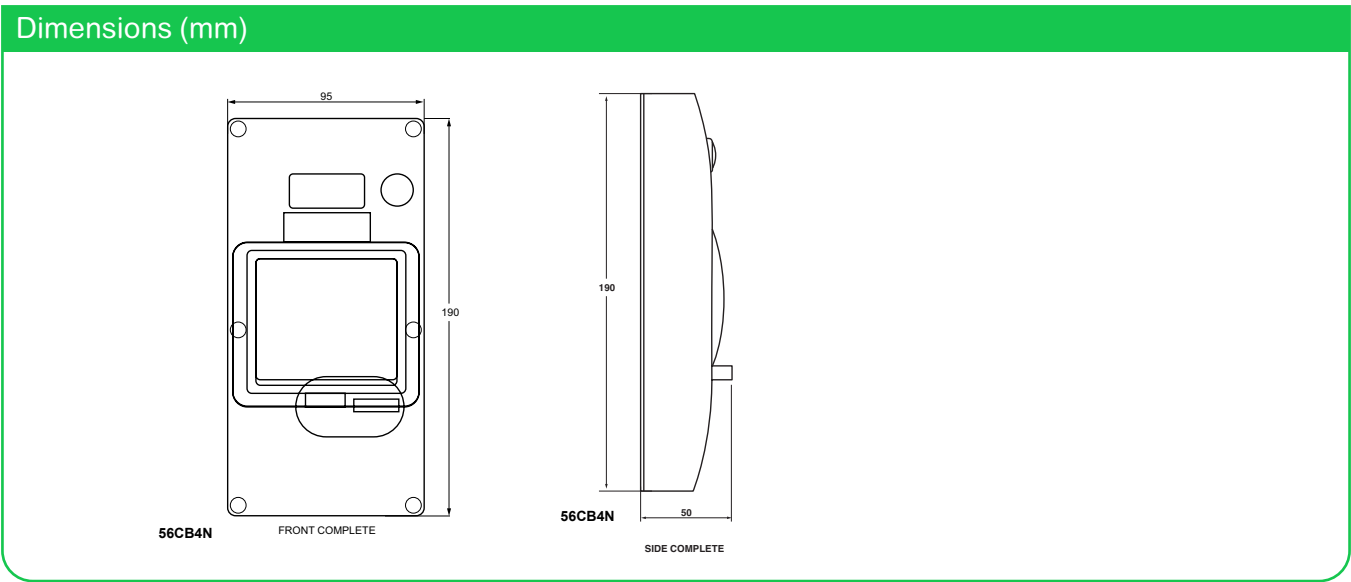


56CB4-GY



56CB4N-GY

| Neutral - Clipsal 56 Series |              |                     |                  |              |              |                |        |        |        |
|-----------------------------|--------------|---------------------|------------------|--------------|--------------|----------------|--------|--------|--------|
| Catalogue Number            | Ui/Ue (Volt) | Neon Voltage (Volt) | Module Type      | No. of Poles | Module Width | O/A Dimensions |        |        | Colour |
|                             |              |                     |                  |              |              | L (mm)         | W (mm) | D (mm) |        |
| 56CB4-GY                    | 240 / 440    | 240 / 415           | 1, 2, 3 pole MCB | 4 RCD        | 4 Max        | 190            | 95     | 50     | Grey   |
| 56CB4N-GY                   | 240 / 440    | 240 / 415           | 1, 2, 3 pole MCB | 4 RCD        | 4 Max        | 190            | 95     | 50     | Grey   |
| 56CB4NM-GY                  | 240 / 440    | 240 / 415           | 1, 2, 3 pole MCB | 4 RCD        | 4 Max        | 190            | 95     | 50     | Grey   |



## Adaptable Enclosures



56M41-GY



56M42-GY

## Neutral - Clipsal 56 Series

| Catalogue Number | No. of Gangs | No. of Mounting points | Cut Outs | O/A Dimensions |     |     | Colour | Compatibility     |
|------------------|--------------|------------------------|----------|----------------|-----|-----|--------|-------------------|
|                  |              |                        |          | (H)            | (W) | (D) |        |                   |
| 56/32-GY         | 1            | 4                      | 2        | 101            | 101 | 77  | grey   | Clipsal 30 Mech   |
| 56/32LE-GY       | 1            | -                      | 2        | 101            | 101 | 40  | grey   | Clipsal 30 Mech   |
| 56/01X-GY        | 1            | 4                      | -        | 101            | 101 | 77  | grey   | -                 |
| 56/01XLE-GY      | 1            | -                      | -        | 101            | 101 | 40  | grey   | -                 |
| 56M41-GY         | 1            | 4                      | 1        | 101            | 101 | 77  | grey   | Clipsal 40 Module |
| 56M41LE-GY       | 1            | 4                      | 1        | 101            | 101 | 40  | grey   | Clipsal 40 Module |
| 56M42-GY         | 1            | 4                      | 2        | 101            | 101 | 77  | grey   | Clipsal 40 Module |
| 56M42LE-GY       | 1            | 4                      | 2        | 101            | 101 | 40  | grey   | Clipsal 40 Module |

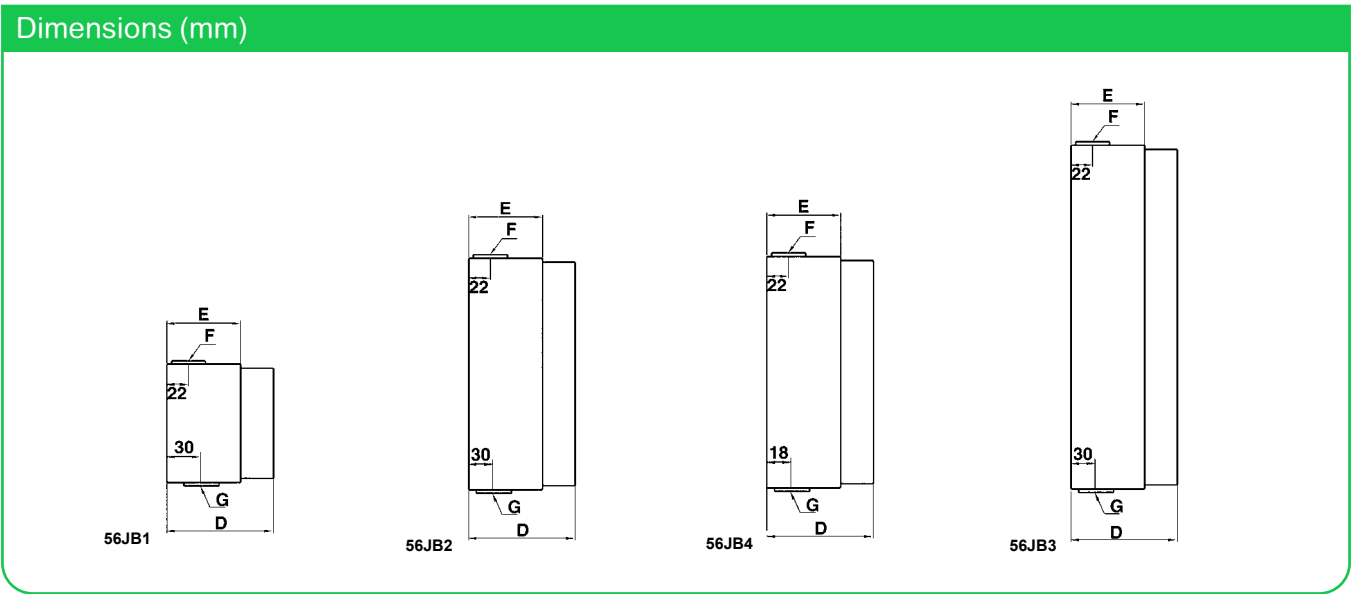
Junction Boxes

The 56 Series Junction Boxes are designed for industrial environments. They are supplied complete with Earth and Neutral connectors for up to 3 x 6 mm<sup>2</sup> cables and sealing gasket.

The 25 mm and 32 mm screwed conduit entries and sealing plugs are provided, as per the cable entry cut outs in the back.



| Neutral - Clipsal 56 Series |              |                        |                |     |     |        |
|-----------------------------|--------------|------------------------|----------------|-----|-----|--------|
| Catalogue Number            | No. of Gangs | Cut Outs               | O/A Dimensions |     |     | Colour |
|                             |              |                        | (H)            | (W) | (D) |        |
| 56JB1-GY                    | 1            | 1 x 25/32              | 101            | 101 | 91  | Grey   |
| 56JB1SWA-GY                 | 1            | 3 x 20                 | 101            | 101 | 91  | Grey   |
| 56JB2-GY                    | 2            | 1 x 25, 1 x 32         | 198            | 101 | 91  | Grey   |
| 56JB3-GY                    | 3            | 2 x 25, 1 x 32         | 294            | 101 | 91  | Grey   |
| 56JB4-GY                    | 4            | 2 x 25, 1 x 32, 1 x 40 | 294            | 294 | 91  | Grey   |



## 56 Series Distribution Board

The 56 Series Distribution Board is available in a fully modular design that lets you mix and match from 2 to 16 gangs, with an IP66 rating. You can make your own switchboard by fixing module devices together.

### Features

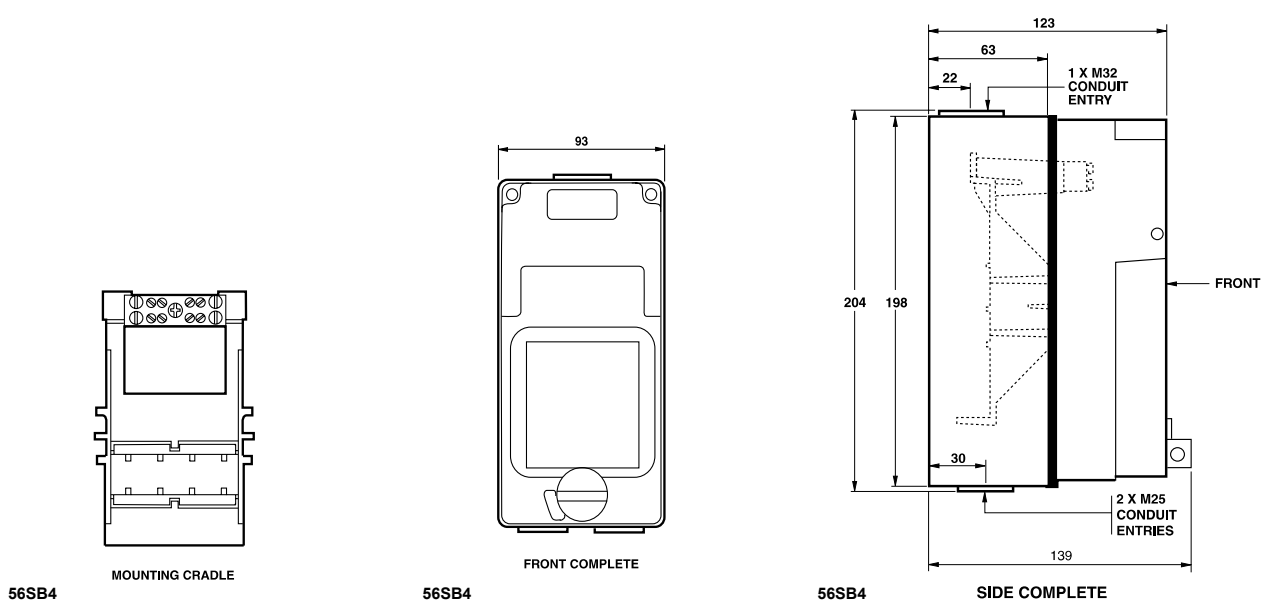
- 4 and 13 modules wide to suit DIN Rail RCDs, MCBs, MCB/RCD and accessories.
- Deep cover for ample wiring room above and below the DIN rail.
- Solid damage resistant cover.
- Cover latches open for easy maintenance.
- Space above MCBs to accept locking off and padlocking accessories.
- IPA identification drill outs.
- Time saving drop in cradle for easier cable installation on 56SB4.



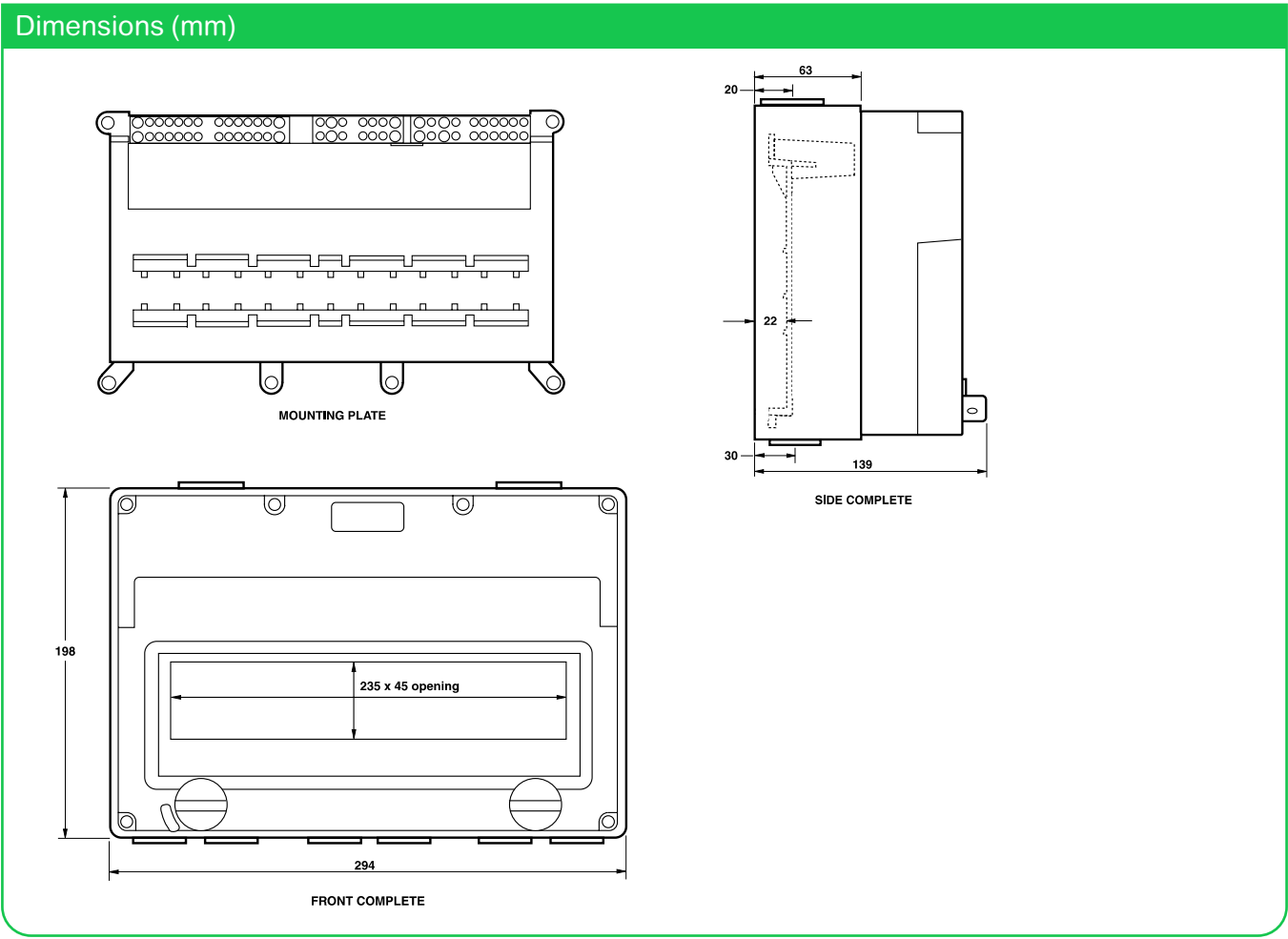
### Neutral - Clipsal 56 Series

| Catalogue Number | Ui/Ue (Volt) | Module Type      | No. of Poles | Module Width | O/A Dimensions |        |        | Colour |
|------------------|--------------|------------------|--------------|--------------|----------------|--------|--------|--------|
|                  |              |                  |              |              | L (mm)         | W (mm) | D (mm) |        |
| 56SB4-GY         | 240 / 440    | 1, 2, 3 pole MCB | 4 RCD        | 4 Max        | 204            | 101    | 139    | Grey   |
| 56CB13-GY        | 240 / 440    | 1, 2, 3 pole MCB | 4 RCD        | 13 Max       | 295            | 198    | 123    | Grey   |

### Dimensions (mm)





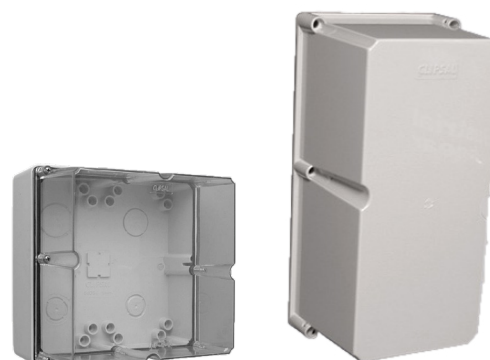


## Adaptable Enclosures and Covers

The 56 Series Adaptable Enclosures are supplied complete with gear tray to mount control equipment, contactors, relays, time switches, transformers, etc.

Transparent deep lids (covers), sealing screws, and gasket are standard.

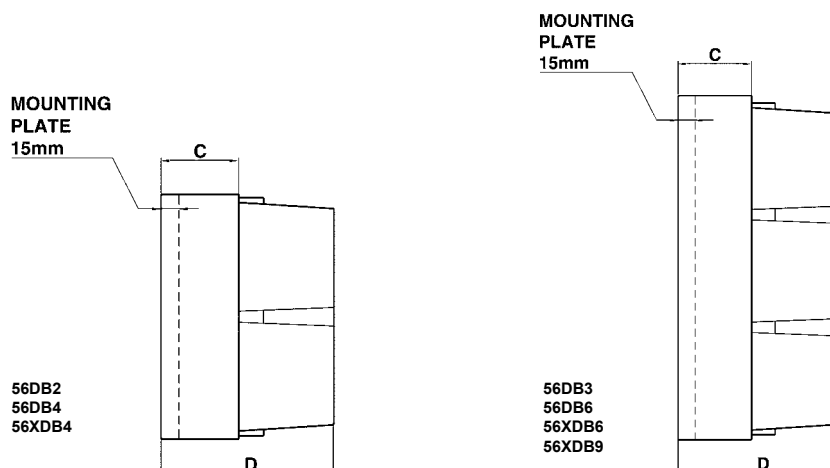
Gear trays have eight mounting points. Impact resistant and UV stabilised, the backbox and gear tray are moulded in PVC and the lid in polycarbonate.

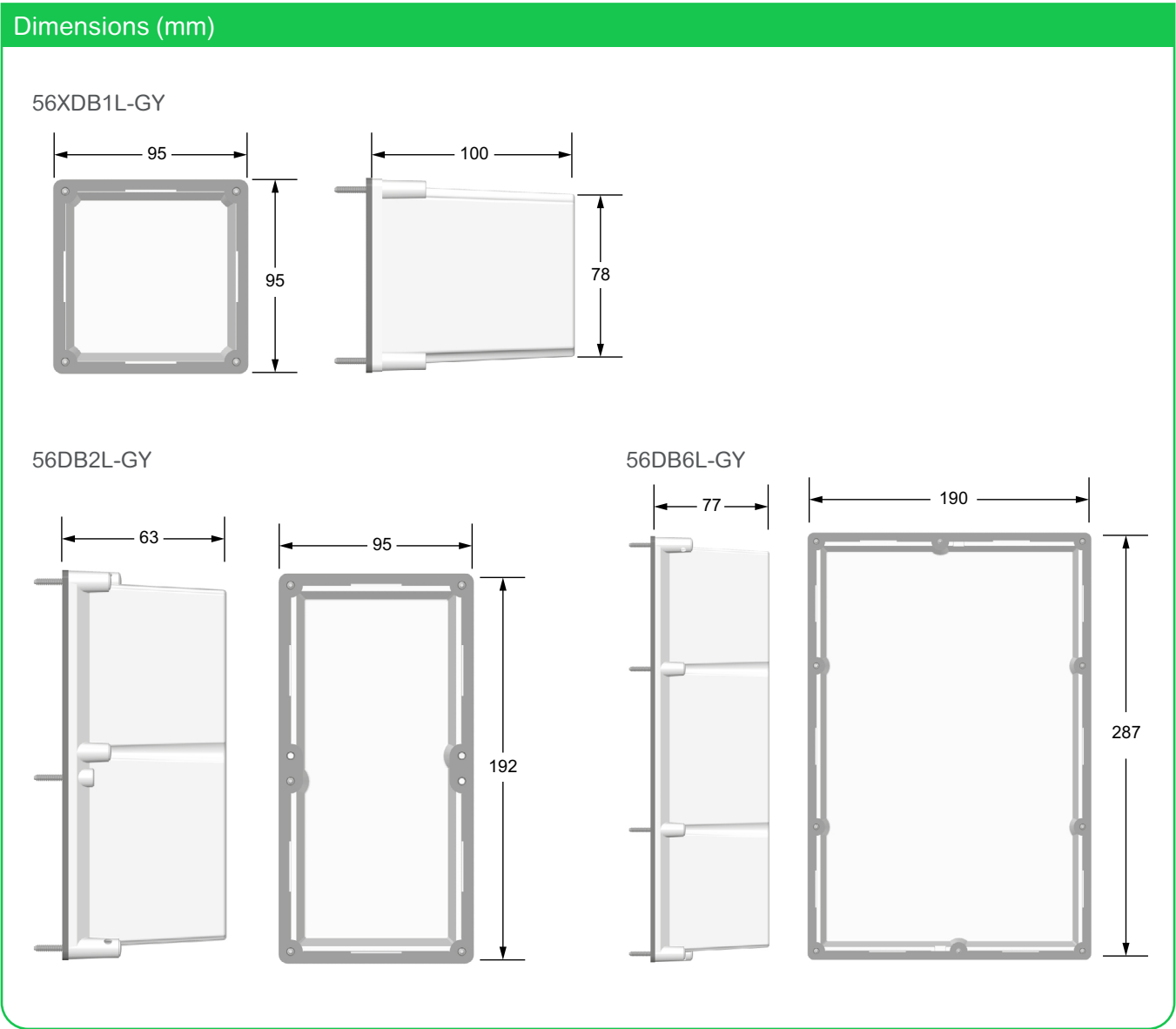


### Neutral - SE 56 Series

| Catalogue Number | No. of Gangs     | No. of mounting points | Cut Outs               | O/A Dimensions |     |     | Colour               |
|------------------|------------------|------------------------|------------------------|----------------|-----|-----|----------------------|
|                  |                  |                        |                        | (H)            | (W) | (D) |                      |
| 56DB2-EO         | 2 with gear tray | 8                      | 240 V / 415 V          | 198            | 101 | 140 | Orange / Transparent |
| 56DB2-GY         | 2 with gear tray | 8                      | 1 x 25, 1 x 32         | 198            | 101 | 140 | Grey                 |
| 56DB3-GY         | 3 with gear tray | 12                     | 2 x 25, 1 x 32         | 294            | 101 | 140 | Grey                 |
| 56DB4-GY         | 4 with gear tray | 16                     | 2 x 25, 1 x 32, 1 x 40 | 198            | 198 | 140 | Grey                 |
| 56DB6-GY         | 6 with gear tray | 24                     | 2 x 25, 2 x 32, 2 x 40 | 198            | 294 | 140 | Grey                 |
| 56DB6BASE-GY     | 6                | 24                     | 2 x 25, 2 x 32, 2 x 40 | 294            | 198 | 63  | Grey                 |
| 56XDB1-GY        | 1                | 4                      | 1 x 25, 1 x 20         | 101            | 101 | 165 | Grey                 |
| 56XDB4-GY        | 4                | 16                     | 2 x 25, 1 x 32, 1 x 40 | 198            | 198 | 182 | Grey                 |
| 56XDB6-GY        | 6                | 24                     | 2 x 25, 2 x 32, 2 x 40 | 294            | 198 | 184 | Grey                 |
| 56DB2L-GY        | 2                | -                      | -                      | 192            | 95  | 78  | Grey                 |
| 56DB2L-TR        | 2                | -                      | -                      | 192            | 95  | 78  | Transparent          |
| 56DB4L-GY        | 4                | -                      | -                      | 192            | 192 | 78  | Grey                 |
| 56DB4L-TR        | 4                | -                      | -                      | 192            | 192 | 78  | Transparent          |
| 56DB6L-TR        | 6                | -                      | -                      | 288            | 192 | 78  | Transparent          |
| 56XDB1L-GY       | 1                | -                      | -                      | 95             | 95  | 100 | Grey                 |
| 56XDB4L-GY       | 4                | -                      | -                      | 192            | 192 | 121 | Grey                 |

### Dimensions (mm)





## Accessories and Spare Parts

### Switch, Socket, and Switched Socket Outlet Accessories

- Auxiliary Switch - 56 Series Catalogue Number 56SOAUX15 suits 415 V sockets. This switch is used to indicate if plug is connected or not.
- Auxiliary Switch - 56 Series Catalogue Number 56SWAUX15 suits 63 A switches. This switch is used to indicate if switch is 'ON' or 'OFF'.
- Single Phase Red LED Catalogue Number 56LEDK1 Field fit kits include LED on flying leads, lens, o-ring, drill bit 5.5 mm (7/32), and instructions.
- Three Phase Red, White, Blue LED Catalogue Number 56LEDK3 Field fit kits include LED on flying leads, lens, o-ring, drill bit 5.5 mm (7/32), and instructions.
- LEDs provide more reliability and extended life compared to traditional neons used in 56 Series.
- Lock for Socket Flaps - 56 Series Catalogue Number 56SOLOCK suits all products equipped with flap.



56LEDK1



56LEDK3



56SOLOCK



56SWAUX15

### Neutral - Clipsal 56 Series

| Catalogue Number | Description                          | Number of switched poles | $I_{the}$ (Amp) | Ui/Ue (Volt) | Cond. Term Size in mm <sup>2</sup> | Colour           |
|------------------|--------------------------------------|--------------------------|-----------------|--------------|------------------------------------|------------------|
| Min/Max /Cond.   |                                      |                          |                 |              |                                    |                  |
| 56SWAUX15        | Auxiliary Switch - 56 Series         | 1P                       | 15              | 250          | (1.5,6)                            | -                |
| 56LEDK1          | Single Phase Red LED                 | -                        | Up to 63        | 250          | -                                  | Red              |
| 56LEDK3          | Three Phase Red, White, Blue LED     | -                        | Up to 63        | 250/415      | -                                  | Red, Blue, white |
| 56SOLOCK         | Lock for Socket Flaps - 56 Series    | -                        | -               | -            | -                                  | -                |
| 56SOCOVER-GY     | Replacement Socket Cover - 56 Series | -                        | -               | -            | -                                  | Grey             |

## Switch, Socket, and Switched Socket Outlet Accessories

### Neutral - Clipsal 56 Series

| Catalogue Number | Description                                      | Compatibility                                     | Colour |
|------------------|--------------------------------------------------|---------------------------------------------------|--------|
| 56PC2-RO         | 56 Series Plug Cap                               | Single-phase (but not size 1 plugs)               | Orange |
| 56PCI-TR         | 56 Series Plug Cap                               | 3 Phase 32 A + single-phase round pin             | Clear  |
| 56PC-TR          | 56 Series Plug Cap                               | 3 Phase 10 A - 20 A + 20 A single-phase round pin | Clear  |
| 56SC2-RO         | 56 Series Socket Connector Cap                   | [10 A, 15 A] 1P Plugs                             | Orange |
| 56SHL            | 56 Series Suspension Hook - Large                | 3 Phase 32 A - 50 A                               | -      |
| 56AM25           | 56 Series Adapter Module - 25 mm                 | 10 A - 20 A Size 1                                | Orange |
| 56AM40           | 56 Series Adapter Module - 40 mm                 | 32 A - 50 A Size 2                                | Orange |
| 56POK            | 56 Series Pendant Outlet Kit - 3 Phase - 10/20 A | 10 A - 20 A Size 1                                | -      |
| 56POKI           | 56 Series Pendant Outlet Kit - 3 Phase - 32/50 A | 32 A - 50 A Size 2                                | -      |

## Plug, Extension Socket, and Appliance Connector Accessories

The 56 series 56SHM and 56SHL Suspension Hooks enable three-phase 56CSC Series Industrial Connectors to be easily converted to pendant outlets.

There are two models available (medium 56SHM and large 56SHL) for connectors; 10 A - 20 A and 32 A - 50 A respectively, both of which are manufactured from quality 316 grade stainless steel for long life and to withstand loads of up to 50 kg.

The stainless steel 56SPOK suspended outlet kit allows two 56C or 56CV Series to be mounted back to back. It is also supplied with 316 grade stainless steel mounting screws.

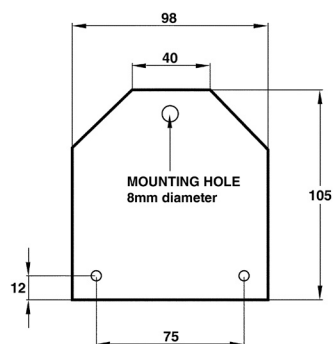
When not in use, 56P and 56PA Series Plugs can be protected by utilising the 56PC Series Plug Caps. This includes the 56PC, 56PCI and 56PC2 caps. When in position, they protect the pins from damage, dirt, grease, chemicals and water ingress. The caps are simple to fit and fully enclose the plug face to provide IP66. 56 Series Single Phase CSC Extension Sockets and Appliance Connectors can be protected by utilising the 56SC2 Socket Cap.

The 56AM25 + 56AM40 threaded adaptors are suitable for fitments of flexible conduit glands or hose adaptors. To fit, simply remove existing locknut and replace with adaptor module.

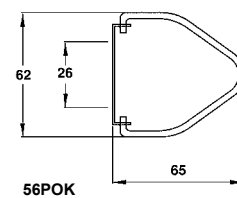
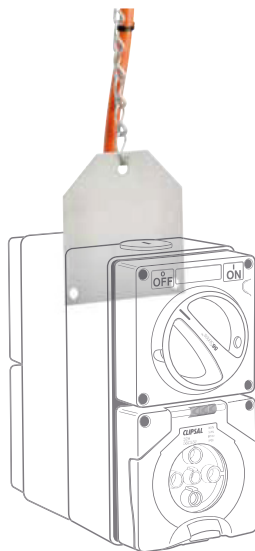
- 56AM25 suits 10 A to 20 A three-phase plugs
- 56AM40 suits 32 A to 50 A three-phase plugs.



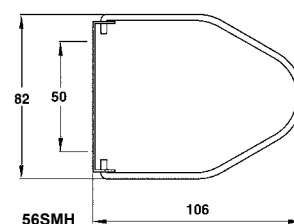
## Dimensions (mm)



56SPOK



56POK



56SMH



## Mounting Enclosure (Back Box) Accessories

Condensation drain, catalogue number 56D, should be used when condensation build up is a problem. The 56D is made from chemically resistant nylon and comes complete with lock nut.

Installation of the 56D de-rates the product to IP54.

56 Series 1 Gang Gasket Catalogue Number 56G1 - Replacement single gang gasket. Rated IP66.

56 Series 2 Gang Gasket Catalogue Number 56G2 - Replacement double gang gasket.

Catalogue Number 56MF - Mounting feet and stainless steel mounting screws (1¼" x 10 gauge) are provided to space 56 Series accessories off walls used in food industries. The 56MF is designed to be used in conjunction with food industry 280MC Mounting Channels and 280 Series 25 mm Conduit Clips.

Catalogue Number 56PMK - A heavy-duty stainless steel pole mounting kit made of 316 Grade stainless steel. Comes complete with 4¾" and 1¼" size stainless steel mounting screws.

The unique 56 Series High Pressure Gaskets are specifically designed where hygiene is paramount (dairies, abattoirs). These areas are most commonly cleaned using a 75 °C, 1600 psi, 25 l/min, high pressure cleaning gun with chemical cleaner added. 56 Series High Pressure Gaskets are suited to these high-risk environments and are compatible with 56E1, 56E2, and 56E4 enclosures.



### Neutral - Clipsal 56 Series

| Catalogue Number | Number of Gangs        | Description                                             | Colour          |
|------------------|------------------------|---------------------------------------------------------|-----------------|
| 56HPG1-CM        | 1                      | 56 Series High Pressure Gasket - 1 Gang                 | Cream           |
| 56HPG2/1-CM      | 2                      | 56 Series High Pressure Gasket - 2 Gang                 | Cream           |
| 56HPG2/2-CM      | 2 x 1 Gang             | 56 Series High Pressure Gasket - 2 x1 Gang              | Cream           |
| 56HPG4/3-CM      | 2 x 1 Gang, 1 x 2 Gang | 56 Series High Pressure Gasket - 2 x1 Gang - 1 x 2 Gang | Cream           |
| 56HPG4/4-CM      | 4 x 1 Gang             | 56 Series High Pressure Gasket - 4 x 1 Gang             | Cream           |
| 56G1             | 1                      | 56 Series Gasket - 1 Gang                               | Black           |
| 56G2             | 2                      | 56 Series Gasket - 2 Gang                               | Black           |
| 56MF             | -                      | 56 Series Mounting Feet                                 | Stainless Steel |
| 56MS             | -                      | 56 Series Cover Screws                                  | Stainless Steel |
| 56PMK            | -                      | 56 Series Pole Mounting Kit                             | Stainless Steel |
| 56D              | -                      | Condensation Drain                                      | Green           |
| 56B-BK           | -                      | 56 series enclosure bridge                              | Black           |
| 56DV-BK          | -                      | 57 series enclosure divider                             | Black           |

## Flush Surrounds

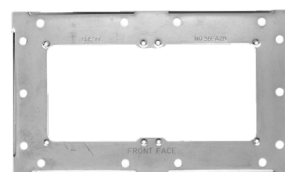
Surface mounted 56 Series Sockets, Switches, and Combinations can be transformed into flush mounting equivalents using the 56FA Surrounds and Brackets. The Surrounds can be used on various types of walls to help ensure a neat installation, such as:

- a mounting enclosure (back box) in poured concrete.
- a bracket on brick, brick veneer, or panel walls.

The brackets provide the installer with a practical method of flush mounting 56 Series accessories. Comprehensive installation instructions are supplied with all units. The 56FA1, 56FA2 and 56FA3 Flush Surrounds contain a moulded flange, foam gasket, and stainless steel mounting screws. The 56FA1B, 56FA2B and 56FA3B Flush Surrounds contain a corrosion resistant steel mounting metal bracket.



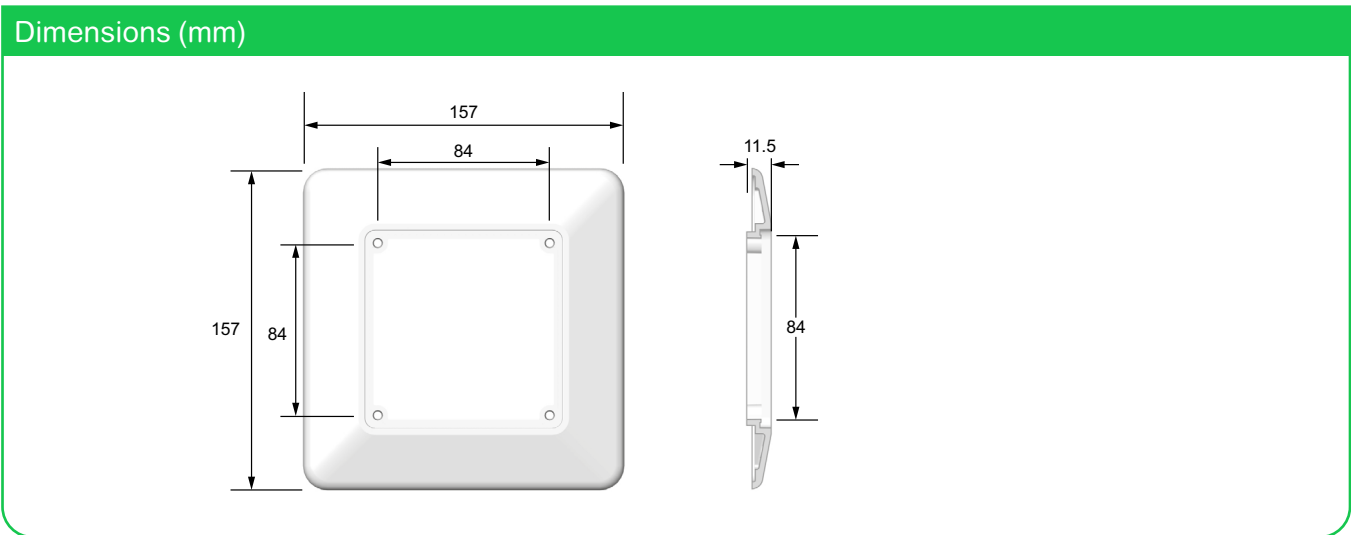
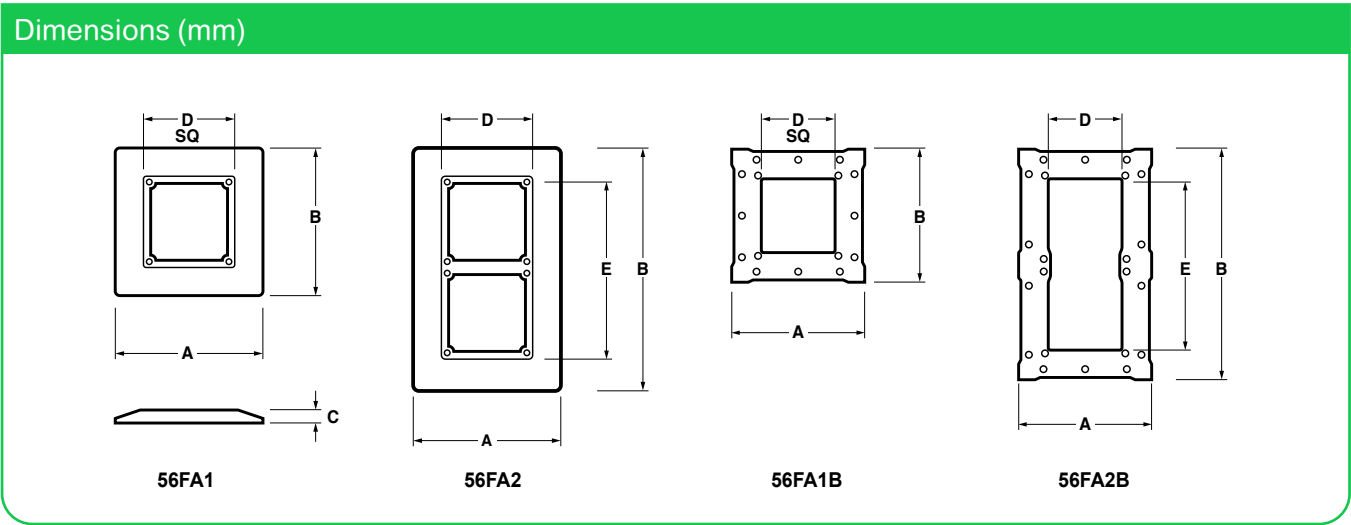
56FA4-GY



56FA2B

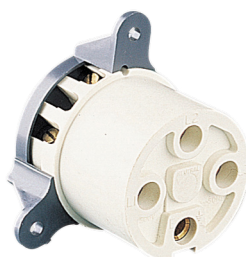
### Neutral - Clipsal 56 Series

| Catalogue Number | No. of Gangs | Description                                          | O/A Dimensions |     |     |     |     | Colour |
|------------------|--------------|------------------------------------------------------|----------------|-----|-----|-----|-----|--------|
|                  |              |                                                      | (A)            | (B) | (C) | (D) | (E) |        |
| 56FA1B           | 1            | 56 Series Flush Surround - Mounting Bracket - 1 Gang | 141            | 141 | 0   | 82  | -   | -      |
| 56FA1-GY         | 1            | 56 Series Flush Surround - 1 Gang                    | 157            | 157 | 13  | 97  | -   | Grey   |
| 56FA2B           | 2            | 56 Series Flush Surround - Mounting Bracket - 2 Gang | 141            | 242 | 0   | 82  | 179 | -      |
| 56FA2-GY         | 2            | 56 Series Flush Surround - 2 Gang                    | 157            | 254 | 13  | 97  | 194 | Grey   |
| 56FA3B           | 3            | 56 Series Flush Surround - Mounting Bracket - 3 Gang | 141            | 338 | 0   | 82  | 275 | -      |
| 56FA3-GY         | 3            | 56 Series Flush Surround - 3 Gang                    | 157            | 350 | 13  | 97  | 281 | Grey   |



## Surface Socket Spare Parts

A range of replacement internal socket housings are available for 3 phase 56SO and 66P models. No need to replace an entire unit if only the internal socket or pin housing are damaged. Socket terminal and pin housings are moulded in durable polyester.



### Neutral - Clipsal 56 and 66 Series

| Catalogue Number | I <sub>the</sub> (Amp) | Ui/Ue (Volt) | Type of socket | Cond. Term Size in mm <sup>2</sup> |
|------------------|------------------------|--------------|----------------|------------------------------------|
|                  |                        |              |                | Min/Max /Cond.                     |
| 56SO320G         | 20                     | 250          | 1P + N + E     | [2.5,6]                            |
| 56SO332G         | 32                     | 250          | 1P + N + E     | [6,16]                             |
| 56SO520G         | 20                     | 500          | 3P + N + E     | [2.5,6]                            |
| 56SO720G         | 20                     | 500          | 3P + N + E     | [2.5,6/2.5]                        |
| 66SO563G         | 63                     | 500          | 3P + N + E     | [6,25]                             |

## Surface Socket Spare Parts

### Neutral - 56 Series

| Catalogue Number | Description                                    | Colour |
|------------------|------------------------------------------------|--------|
| 56HANDLE-BK      | 56 Series Handle for Portable RCD combinations | Black  |



# Acid



The Acid range of Clipsal Industrial products are suited for environments that are Chemically Acidic, dusty or clean, wet, or dry, Indoors or outdoors (UV resistant).

Some typical applications include: wineries, breweries, coal wash plants, food prep areas, outdoor storage tanks, ponds & silos.

If Clipsal industrial products are part of the 'acid' range, they will easily be identified by a red circle with "acid" text AND/OR by a red circle with a white test tube as shown below.



## Combination Switched Socket Outlets

The acid range encompasses 56 Series Resistant Orange (RO) and Resistant White (RW) products, 66 Series Resistant Orange (RO) products & the 56 Series Resistant Orange (RO) & 66 Series Resistant Orange (RO) & Electric Orange Plugs (EO). The following section showcases these products in more detail.

The 56 Series and 66 Series range of combination switched socket outlets includes two module units and one-piece cover models. All internal phase connections between switches and sockets are factory wired.

The 4 and 5 pin, 10 A and 20 A one-piece cover models have integral wiring between the switch and socket outlet. 56 Series combination switch sockets outlets feature a clear flap with a snatch catch latch. The current IP66 retention ring plugs can be accommodated. The 250 V, 110 V and extra low voltage two module combinations are also available. Versions with key operated switches are available with special order.

Less Enclosure versions are indicated with letters LE in the reference. Internal interlock facility available on three phase, one piece cover combinations, these have the prefix 56CVI.

### 1 Piece Cover

56 Series



Resistant Orange (RO)

66 Series





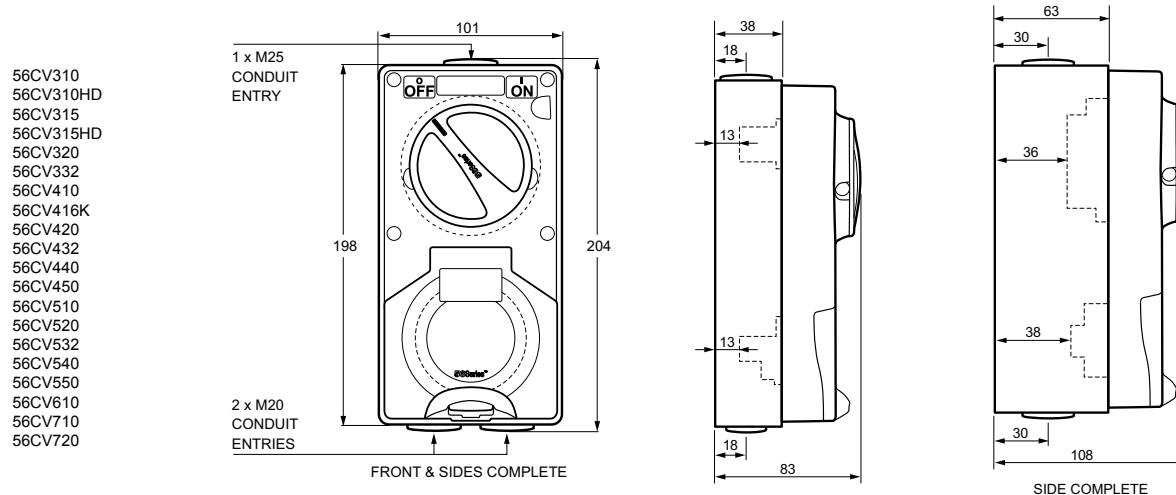
## Acid - Clipsal 56 Series

| Catalogue Number | No. of Switch Poles | $I_{the}$ (Amp) | $U_i / U_e$ (Volt) | I <sub>e</sub> (A) Utilisation Category |       |       | M Rating | Type of Socket | Cond. Term Size in mm | O/A Dims.     |     |     | Matching Plug | Socket Config |
|------------------|---------------------|-----------------|--------------------|-----------------------------------------|-------|-------|----------|----------------|-----------------------|---------------|-----|-----|---------------|---------------|
|                  |                     |                 |                    | AC21A                                   | AC22A | AC23A |          |                |                       | Min.Max/Cond. | (H) | (W) | (D)           |               |
| 56CV310HD-RO     | 1P                  | 10              | 250                | 10                                      | 10    | 11    | M100     | 1P + N + E     | [6,16]                | 204           | 101 | 108 | 56P310        | A             |
| 56CV310LE-RO     | 1P                  | 10              | 250                | 10                                      | 8     | 8     | M80      | 1P + N + E     | [1.5,6]               | 204           | 101 | 70  | 56P310        | A             |
| 56CV310-RO       | 1P                  | 10              | 250                | 10                                      | 8     | 8     | M80      | 1P + N + E     | [1.5,6]               | 204           | 101 | 83  | 56P310        | A             |
| 56CV315HD-RO     | 1P                  | 15              | 250                | 15                                      | 15    | 15    | M120     | 1P + N + E     | [6,16]                | 204           | 101 | 108 | 56P315        | B             |
| 56CV315LE-RO     | 1P                  | 15              | 250                | 15                                      | 10    | 8     | M80      | 1P + N + E     | [1.5,6]               | 204           | 101 | 70  | 56P315        | B             |
| 56CV315-RO       | 1P                  | 15              | 250                | 15                                      | 10    | 8     | M80      | 1P + N + E     | [1.5,6]               | 204           | 101 | 83  | 56P315        | B             |
| 56CV420-RO       | 3P                  | 20              | 500                | 20                                      | 20    | 21    | M150     | 3P + E         | [2.5,16]              | 204           | 101 | 108 | 56P420        | L             |
| 56CV440-RO       | 3P                  | 40              | 500                | 40                                      | 40    | 35    | M200     | 3P + E         | [10,25]               | 204           | 101 | 108 | 56P440        | O             |
| 56CV520-RO       | 3P                  | 20              | 500                | 20                                      | 20    | 21    | M150     | 3P + N + E     | [2.5,16]              | 204           | 101 | 108 | 56P520        | R             |
| 56CV532-RO       | 3P                  | 32              | 500                | 32                                      | 32    | 28    | M180     | 3P + N + E     | [4,16]                | 204           | 101 | 108 | 56P532        | S             |
| 56CV610-RO       | 3P                  | 10              | 500                | 10                                      | 10    | 11    | M100     | 3P + N + E     | [1.5,16]              | 204           | 101 | 108 | 56P610        | V             |
| 56CV710-RO       | 3P                  | 10              | 500                | 10                                      | 10    | 11    | M100     | 3P + N + E     | [1.5,16]              | 204           | 101 | 108 | 56P710        | W             |
| 56CVI420-RO      | 3P                  | 20              | 500                | 20                                      | 20    | 21    | M150     | 3P + E         | [2.5,16]              | 204           | 101 | 108 | 56P420        | L             |
| 56CVI532-RO      | 3P                  | 32              | 500                | 32                                      | 32    | 28    | M180     | 3P + N + E     | [4,16]                | 204           | 101 | 108 | 56P532        | S             |

## Acid - Clipsal 66 Series

| Catalogue Number | No. of switch poles | $I_{the}$ (Amp) | $U_i / U_e$ (Volt) | I <sub>e</sub> (A) Utilisation Category |       |       | Type of Socket | Cond. Term Size in mm | O/A Dims.     |     |     | Matching Plug |
|------------------|---------------------|-----------------|--------------------|-----------------------------------------|-------|-------|----------------|-----------------------|---------------|-----|-----|---------------|
|                  |                     |                 |                    | AC21A                                   | AC22A | AC23A |                |                       | Min.Max/Cond. | (H) | (W) | (D)           |
| 66CV463-RO       | 3 Pole              | 63              | 500                | 63                                      | 63    | 50    | 1P + N + E     | [16,35]               | 320           | 160 | 215 | 66P463        |
| 66CV563-RO       | 3 Pole              | 63              | 500                | 63                                      | 63    | 50    | 1P + N + E     | [16,35]               | 320           | 160 | 215 | 66P563        |

## Dimensions (mm)



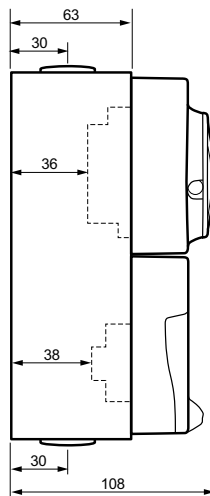
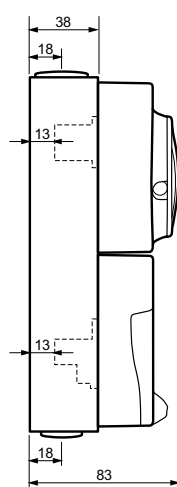
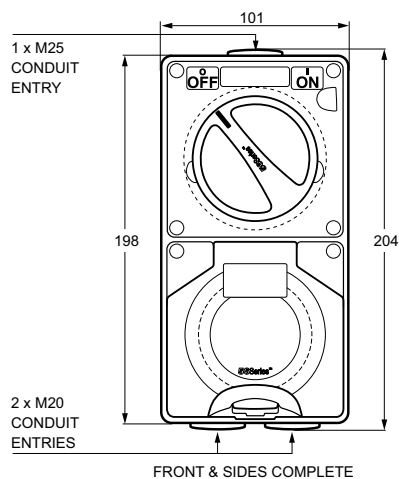


## 2 Piece Cover



### Dimensions (mm)

56C210  
56C215/32  
56C3110  
56C310  
56C310HD  
56C315  
56C315HD  
56C320  
56C332  
56C310D  
56C315D  
56C410  
56C416K  
56C420  
56C432  
56C440  
56C450  
56C510  
56C520  
56C532  
56C540  
56C550  
56C610  
56C710  
56C720



### Acid - Clipsal 56 Series

| Catalogue Number | No. of Switch Poles | I <sub>the</sub> (Amp) | Ui / Ue (Volt) |
|------------------|---------------------|------------------------|----------------|
| Resistant Orange |                     |                        |                |
| 56C215/32-RO     | 2 Pole              | 15                     | 32             |
| 56C310D-RO       | 1 Pole              | 10                     | 250            |
| 56C310HD-RO      | 1 Pole              | 10                     | 250            |
| 56C310L-RO       | 1 Pole              | 10                     | 250            |
| 56C310-RO        | 1 Pole              | 10                     | 250            |
| 56C315D-RO       | 1 Pole              | 15                     | 250            |
| 56C315HD-RO      | 1 Pole              | 15                     | 250            |
| 56C315LE-RO      | 1 Pole              | 15                     | 250            |
| 56C315-RO        | 1 Pole              | 15                     | 250            |
| 56C320F-RO       | 1 Pole              | 20                     | 250            |
| 56C320-RO        | 1 Pole              | 20                     | 250            |
| 56C410LE-RO      | 3 Pole              | 10                     | 500            |
| 56C332-RO        | 1 Pole              | 32                     | 250            |
| 56C410-RO        | 3 Pole              | 10                     | 500            |
| 56C420LE-RO      | 3 Pole              | 20                     | 500            |
| 56C420-RO        | 3 Pole              | 20                     | 500            |
| 56C432-RO        | 3 Pole              | 32                     | 500            |
| 56C510-RO        | 3 Pole              | 10                     | 500            |
| 56C520LE-RO      | 3 Pole              | 20                     | 500            |
| 56C520-RO        | 3 Pole              | 20                     | 500            |
| 56C532LE-RO      | 3 Pole              | 32                     | 500            |
| 56C532-RO        | 3 Pole              | 32                     | 500            |
| 56C550-RO        | 3 Pole              | 50                     | 500            |
| 56C720-RO        | 3 Pole              | 20                     | 500            |
| Resistant White  |                     |                        |                |
| 56C310HD-RW      | 1 Pole              | 10                     | 250            |
| 56C310LE-RW      | 1 Pole              | 10                     | 250            |
| 56C310LLE-RW     | 1 Pole              | 10                     | 250            |
| 56C310L-RW       | 1 Pole              | 10                     | 250            |
| 56C310-RW        | 1 Pole              | 10                     | 250            |
| 56C315HD-RW      | 1 Pole              | 15                     | 250            |
| 56C315LE-RW      | 1 Pole              | 15                     | 250            |
| 56C315-RW        | 1 Pole              | 15                     | 250            |
| 56C320F-RW       | 1 Pole              | 20                     | 250            |
| 56C320LE-RW      | 1 Pole              | 20                     | 250            |
| 56C320-RW        | 1 Pole              | 20                     | 250            |
| 56C332LE-RW      | 1 Pole              | 32                     | 250            |
| 56C332-RW        | 1 Pole              | 32                     | 250            |
| 56C410-RW        | 3 Pole              | 10                     | 500            |
| 56C416K-RW       | 3 Pole              | 16                     | 500            |
| 56C420-RW        | 3 Pole              | 20                     | 500            |
| 56C432-RW        | 3 Pole              | 32                     | 500            |
| 56C450LE-RW      | 3 Pole              | 50                     | 500            |
| 56C450-RW        | 3 Pole              | 50                     | 500            |
| 56C510LE-RW      | 3 Pole              | 10                     | 500            |
| 56C510-RW        | 3 Pole              | 10                     | 500            |
| 56C520LE-RW      | 3 Pole              | 20                     | 500            |
| 56C520-RW        | 3 Pole              | 20                     | 500            |
| 56C532LE-RW      | 3 Pole              | 32                     | 500            |
| 56C532-RW        | 3 Pole              | 32                     | 500            |
| 56C540-RW        | 3 Pole              | 40                     | 500            |
| 56C550LE-RW      | 3 Pole              | 50                     | 500            |
| 56C550-RW        | 3 Pole              | 50                     | 500            |

| Ie (A) Utilisation Category |       |       | M Rating | Type of Socket | Cond. Term Size in mm | O/A Dims. |     |     | Matching Plug | Socket Config |
|-----------------------------|-------|-------|----------|----------------|-----------------------|-----------|-----|-----|---------------|---------------|
| AC21A                       | AC22A | AC23A |          |                | Min.Max/Cond.         | (H)       | (W) | (D) |               |               |
| 15                          | 10    | 8     | M80      | 1P + N         | [1.5,6]               | 204       | 101 | 83  | 56P215/32     | E             |
| 10                          | 10    | 11    | M100     | 1P + N + E     | [1.5,6]               | 204       | 101 | 83  | 56P310        | A             |
| 10                          | 10    | 11    | M100     | 1P + N + E     | [1.5,16]              | 204       | 101 | 108 | 56P310        | A             |
| 10                          | 8     | 8     | M80      | 1P + N + E     | [1.5,6]               | 204       | 101 | 83  | 56P310SL      | C             |
| 10                          | 8     | 8     | M80      | 1P + N + E     | [1.5,6]               | 204       | 101 | 83  | 56P310        | A             |
| 15                          | 15    | 15    | M120     | 1P + N + E     | [1.5,6]               | 204       | 101 | 83  | 56P315        | B             |
| 15                          | 15    | 15    | M120     | 1P + N + E     | [1.5,6]               | 204       | 101 | 108 | 56P315        | B             |
| 15                          | 10    | 8     | M80      | 1P + N + E     | [1.5,6]               | 204       | 101 | 70  | 56P315        | B             |
| 15                          | 10    | 8     | M80      | 1P + N + E     | [1.5,6]               | 204       | 101 | 83  | 56P315        | B             |
| 20                          | 20    | 20    | M150     | 1P + N + E     | [2.5,6]               | 204       | 101 | 108 | 56P320F       | F             |
| 20                          | 20    | 21    | M150     | 1P + N + E     | [2.5,6]               | 204       | 101 | 108 | 56P320        | H             |
| 10                          | 10    | 11    | M100     | 3P + E         | [1.5,6]               | 204       | 101 | 72  | 56P410        | K             |
| 32                          | 32    | 28    | M180     | 1P + N + E     | [6,16]                | 204       | 101 | 108 | 56P332        | I             |
| 10                          | 10    | 11    | M100     | 3P + E         | [1.5,6]               | 204       | 101 | 108 | 56P410        | K             |
| 20                          | 20    | 21    | M150     | 3P + E         | [2.5,6]               | 204       | 101 | 72  | 56P420        | L             |
| 20                          | 20    | 21    | M150     | 3P + E         | [2.5,6]               | 204       | 101 | 108 | 56P420        | L             |
| 32                          | 32    | 28    | M180     | 3P + E         | [6,16]                | 204       | 101 | 108 | 56P432        | N             |
| 10                          | 10    | 11    | M100     | 3P + N + E     | [1.5,6]               | 204       | 101 | 108 | 56P510        | Q             |
| 20                          | 20    | 21    | M150     | 3P + N + E     | [2.5,6]               | 204       | 101 | 72  | 56P520        | R             |
| 20                          | 20    | 21    | M150     | 3P + N + E     | [2.5,6]               | 204       | 101 | 108 | 56P520        | R             |
| 32                          | 32    | 28    | M180     | 3P + N + E     | [4,16]                | 204       | 101 | 72  | 56P532        | S             |
| 32                          | 32    | 28    | M180     | 3P + N + E     | [4,16]                | 204       | 101 | 108 | 56P532        | S             |
| 50                          | 50    | 35    | M250     | 3P + N + E     | [10,16]               | 204       | 101 | 108 | 56P550        | U             |
| 20                          | 20    | 21    | M150     | 3P + N + E     | [1.5,6/2.5]           | 204       | 101 | 108 | 56P720        | X             |
| 10                          | 10    | 11    | M100     | 1P + N + E     | [1.5,16]              | 204       | 101 | 108 | 56P310        | A             |
| 10                          | 8     | 8     | M80      | 1P + N + E     | [1.5,6]               | 204       | 101 | 70  | 56P310        | A             |
| 10                          | 8     | 8     | M80      | 1P + N + E     | [1.5,6]               | 204       | 101 | 70  | 56P310SL      | C             |
| 10                          | 8     | 8     | M80      | 1P + N + E     | [1.5,6]               | 204       | 101 | 83  | 56P310SL      | C             |
| 10                          | 8     | 8     | M80      | 1P + N + E     | [1.5,6]               | 204       | 101 | 83  | 56P310        | A             |
| 15                          | 15    | 15    | M120     | 1P + N + E     | [1.5,6]               | 204       | 101 | 108 | 56P315        | B             |
| 15                          | 10    | 8     | M80      | 1P + N + E     | [1.5,6]               | 204       | 101 | 70  | 56P315        | B             |
| 15                          | 10    | 8     | M80      | 1P + N + E     | [1.5,6]               | 204       | 101 | 83  | 56P315        | B             |
| 20                          | 20    | 20    | M150     | 1P + N + E     | [2.5,6]               | 204       | 101 | 108 | 56P320F       | F             |
| 20                          | 20    | 21    | M150     | 1P + N + E     | [2.5,6]               | 204       | 101 | 72  | 56P320        | H             |
| 20                          | 20    | 21    | M150     | 1P + N + E     | [2.5,6]               | 204       | 101 | 108 | 56P320        | H             |
| 32                          | 32    | 28    | M180     | 1P + N + E     | [6,16]                | 204       | 101 | 72  | 56P332        | I             |
| 32                          | 32    | 28    | M180     | 1P + N + E     | [6,16]                | 204       | 101 | 108 | 56P332        | I             |
| 10                          | 10    | 11    | M100     | 3P + E         | [1.5,6]               | 204       | 101 | 108 | 56P410        | K             |
| 16                          | 16    | 15    | M120     | 3P + E         | [1.5,6]               | 204       | 101 | 108 | 56P416K       | M             |
| 20                          | 20    | 21    | M150     | 3P + E         | [2.5,6]               | 204       | 101 | 108 | 56P420        | L             |
| 32                          | 32    | 28    | M180     | 3P + E         | [6,16]                | 204       | 101 | 108 | 56P432        | N             |
| 50                          | 50    | 35    | M250     | 3P + E         | [10,16]               | 204       | 101 | 72  | 56P450        | P             |
| 50                          | 50    | 35    | M250     | 3P + E         | [10,16]               | 204       | 101 | 108 | 56P450        | P             |
| 10                          | 10    | 11    | M100     | 3P + N + E     | [1.5,6]               | 204       | 101 | 72  | 56P510        | Q             |
| 10                          | 10    | 11    | M100     | 3P + N + E     | [1.5,6]               | 204       | 101 | 108 | 56P510        | Q             |
| 20                          | 20    | 21    | M150     | 3P + N + E     | [2.5,6]               | 204       | 101 | 72  | 56P520        | R             |
| 20                          | 20    | 21    | M150     | 3P + N + E     | [2.5,6]               | 204       | 101 | 108 | 56P520        | R             |
| 32                          | 32    | 28    | M180     | 3P + N + E     | [4,16]                | 204       | 101 | 72  | 56P532        | S             |
| 32                          | 32    | 28    | M180     | 3P + N + E     | [4,16]                | 204       | 101 | 108 | 56P532        | S             |
| 40                          | 40    | 35    | M200     | 3P + N + E     | [10,16]               | 204       | 101 | 108 | 56P540        | T             |
| 50                          | 50    | 35    | M250     | 3P + N + E     | [10,16]               | 204       | 101 | 72  | 56P550        | U             |
| 50                          | 50    | 35    | M250     | 3P + N + E     | [10,16]               | 204       | 101 | 108 | 56P550        | U             |

## Surface Socket Outlets

Surface Socket Outlets range in size from 32 V, 10 A to 500 V, 50 A. All sockets feature hoseproof and dust resistant flaps with automatic snap catch latches. The transparent flap enables instant visual inspection of socket condition and pin configuration.

The full range of sockets accommodate the current IP66 retention ring plugs in order to rationalise the number of variations required. Earth and neutral connectors accommodating 3 x 6 mm<sup>2</sup> cable are supplied with all 500 V models. Terminal housings are moulded in tough polyester to minimise damage.

Less Enclosure versions are indicated with letters LE in the reference.

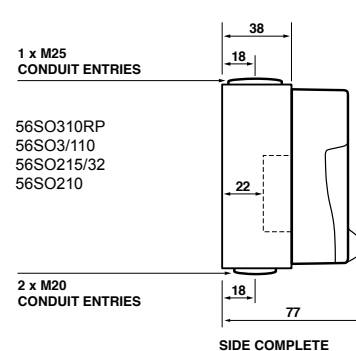
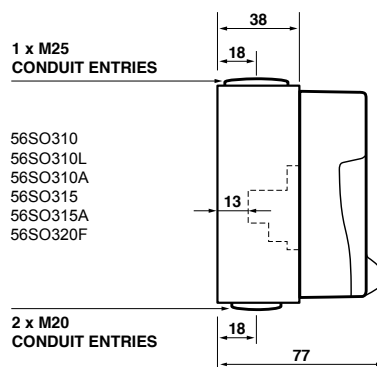
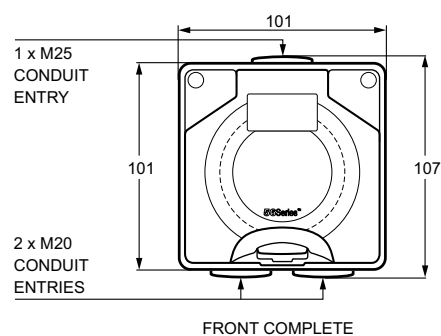


| Acid - Clipsal 56 Series |                        |                                        |                |                       |           |     |     |        |               |               |
|--------------------------|------------------------|----------------------------------------|----------------|-----------------------|-----------|-----|-----|--------|---------------|---------------|
| Catalogue Number         | I <sub>the</sub> (Amp) | U <sub>i</sub> / U <sub>e</sub> (Volt) | Type of Socket | Cond. Term Size in mm | O/A Dims. |     |     | Colour | Matching Plug | Socket Config |
|                          |                        |                                        |                | Min.Max/Cond.         | (H)       | (W) | (D) |        |               |               |
| 56SO210LE-RO             | 10                     | 250                                    | 1P + N         | [1,5,6]               | 107       | 101 | 55  | Orange | 56P210        | D             |
| 56SO215/32-RO            | 15                     | 32                                     | 1P + N         | [1,5,6]               | 107       | 101 | 77  | Orange | 56P215/32     | E             |
| 56SO3/110LE-RO           | 10                     | 110                                    | 1P + N + E     | [1,5,6]               | 107       | 101 | 55  | Orange | 56P3/110      | J             |
| 56SO3/110-RO             | 10                     | 110                                    | 1P + N + E     | [1,5,6]               | 107       | 101 | 77  | Orange | 56P3/110      | J             |
| 56SO310ALE-RO            | 10                     | 250                                    | 1P + N + E     | [1,5,6]               | 107       | 101 | 64  | Orange | 56P310        | A             |
| 56SO310A-RO              | 10                     | 250                                    | 1P + N + E     | [1,5,6]               | 107       | 101 | 77  | Orange | 56P310        | A             |
| 56SO310LE-RO             | 10                     | 250                                    | 1P + N + E     | [1,5,6]               | 107       | 101 | 64  | Orange | 56P310        | A             |
| 56SO310LLE-RO            | 10                     | 250                                    | 1P + N + E     | [1,5,6]               | 107       | 101 | 64  | Orange | 56P310L       | C             |
| 56SO310L-RO              | 10                     | 250                                    | 1P + N + E     | [1,5,6]               | 107       | 101 | 77  | Orange | 56P310L       | C             |
| 56SO310-RO               | 10                     | 250                                    | 1P + N + E     | [1,5,6]               | 107       | 101 | 77  | Orange | 56P310        | A             |
| 56SO310RPLE-RO           | 10                     | 250                                    | 1P + N + E     | [1,5,6]               | 107       | 101 | 55  | Orange | 56P310RP      | G             |
| 56SO310RP-RO             | 10                     | 250                                    | 1P + N + E     | [1,5,6]               | 107       | 101 | 77  | Orange | 56P310RP      | G             |
| 56SO315ALE-RO            | 15                     | 250                                    | 1P + N + E     | [2,5,6]               | 107       | 101 | 64  | Orange | 56P315        | B             |
| 56SO315A-RO              | 15                     | 250                                    | 1P + N + E     | [2,5,6]               | 107       | 101 | 77  | Orange | 56P315        | B             |
| 56SO315LE-RO             | 15                     | 250                                    | 1P + N + E     | [2,5,6]               | 107       | 101 | 64  | Orange | 56P315        | B             |
| 56SO315-RO               | 15                     | 250                                    | 1P + N + E     | [2,5,6]               | 107       | 101 | 77  | Orange | 56P315        | B             |
| 56SO320FLE-RO            | 20                     | 250                                    | 1P + N + E     | [2,5,6]               | 107       | 101 | 64  | Orange | 56P320F       | F             |
| 56SO320-RO               | 20                     | 250                                    | 1P + N + E     | [2,5,6]               | 107       | 101 | 77  | Orange | 56P320        | H             |
| 56SO410LE-RO             | 10                     | 500                                    | 3P + E         | [1,5,6]               | 107       | 101 | 71  | Orange | 56P410        | K             |
| 56SO410-RO               | 10                     | 500                                    | 3P + E         | [1,5,6]               | 107       | 101 | 102 | Orange | 56P410        | K             |
| 56SO416K-RO              | 16                     | 500                                    | 3P + E         | [1,5,6]               | 107       | 101 | 102 | Orange | 56P416K       | M             |
| 56SO420LE-RO             | 20                     | 500                                    | 3P + E         | [2,5,6]               | 107       | 101 | 71  | Orange | 56P420        | L             |
| 56SO420-RO               | 20                     | 500                                    | 3P + E         | [2,5,6]               | 107       | 101 | 102 | Orange | 56P420        | L             |
| 56SO432LE-RO             | 32                     | 500                                    | 3P + E         | [4,16]                | 107       | 101 | 74  | Orange | 56P432        | N             |
| 56SO432-RO               | 32                     | 500                                    | 3P + E         | [4,16]                | 107       | 101 | 102 | Orange | 56P432        | N             |
| 56SO450LE-RO             | 50                     | 500                                    | 3P + E         | [10,16]               | 107       | 101 | 74  | Orange | 56P450        | P             |

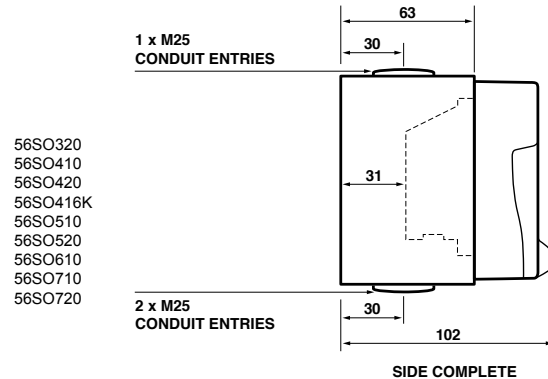
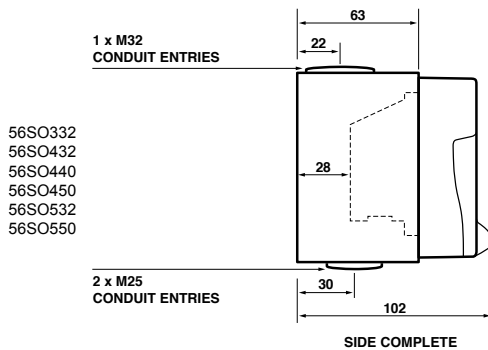
## Acid - Clipsal 56 Series

| Catalogue Number | I <sub>be</sub><br>(Amp) | Ui / Ue<br>(Volt) | Type of Socket | Cond. Term Size in mm | O/A Dims. |     |     | Colour | Matching Plug | Socket Config |
|------------------|--------------------------|-------------------|----------------|-----------------------|-----------|-----|-----|--------|---------------|---------------|
|                  |                          |                   |                | Min.Max/Cond.         | (H)       | (W) | (D) |        |               |               |
| 56SO510LE-RO     | 10                       | 500 V             | 3P + N + E     | [1,5,6]               | 107       | 101 | 71  | Orange | 56P510        | Q             |
| 56SO510-RO       | 10                       | 500 V             | 3P + N + E     | [1,5,6]               | 107       | 101 | 102 | Orange | 56P510        | Q             |
| 56SO520LE-RO     | 20                       | 500 V             | 3P + N + E     | [2,5,6]               | 107       | 101 | 71  | Orange | 56P520        | R             |
| 56SO520-RO       | 20                       | 500 V             | 3P + N + E     | [2,5,6]               | 107       | 101 | 102 | Orange | 56P520        | R             |
| 56SO532LE-RO     | 32                       | 500 V             | 3P + N + E     | [4,16]                | 107       | 101 | 74  | Orange | 56P532        | S             |
| 56SO532-RO       | 32                       | 500 V             | 3P + N + E     | [4,16]                | 107       | 101 | 102 | Orange | 56P532        | S             |
| 56SO710LE-RO     | 10                       | 500 V             | 3P + N + E     | [1,5,6/2,5]           | 107       | 101 | 71  | Orange | 56P710        | W             |
| 56SO710-RO       | 10                       | 500 V             | 3P + N + E     | [1,5,6/2,5]           | 107       | 101 | 102 | Orange | 56P710        | W             |
| 56SO720LE-RO     | 20                       | 500 V             | 3P + N + E     | [2,5,6/2,5]           | 107       | 101 | 71  | Orange | 56P720        | X             |
| 56SO720-RO       | 20                       | 500 V             | 3P + N + E     | [2,5,6/2,5]           | 107       | 101 | 102 | Orange | 56P720        | X             |
| 56SO310A-RW      | 10                       | 250 V             | 1P + N + E     | [1,5,6]               | 107       | 101 | 77  | White  | 56P310        | A             |
| 56SO310LE-RW     | 10                       | 250 V             | 1P + N + E     | [1,5,6]               | 107       | 101 | 64  | White  | 56P310        | A             |
| 56SO310LLE-RW    | 10                       | 250 V             | 1P + N + E     | [1,5,6]               | 107       | 101 | 64  | White  | 56P310L       | C             |
| 56SO310L-RW      | 10                       | 250 V             | 1P + N + E     | [1,5,6]               | 107       | 101 | 77  | White  | 56P310L       | C             |
| 56SO310-RW       | 10                       | 250 V             | 1P + N + E     | [1,5,6]               | 107       | 101 | 77  | White  | 56P310        | A             |
| 56SO315LE-RW     | 15                       | 250 V             | 1P + N + E     | [2,5,6]               | 107       | 101 | 64  | White  | 56P315        | B             |
| 56SO315-RW       | 15                       | 250 V             | 1P + N + E     | [2,5,6]               | 107       | 101 | 77  | White  | 56P315        | B             |
| 56SO332LE-RW     | 32                       | 250 V             | 1P + N + E     | [6,16]                | 107       | 101 | 74  | White  | 56P332        | I             |
| 56SO410LE-RW     | 10                       | 500 V             | 3P + E         | [1,5,6]               | 107       | 101 | 71  | White  | 56P410        | K             |
| 56SO410-RW       | 10                       | 500 V             | 3P + E         | [1,5,6]               | 107       | 101 | 102 | White  | 56P410        | K             |
| 56SO416K-RW      | 16                       | 500 V             | 3P + E         | [1,5,6]               | 107       | 101 | 102 | White  | 56P416K       | M             |
| 56SO420LE-RW     | 20                       | 500 V             | 3P + E         | [2,5,6]               | 107       | 101 | 71  | White  | 56P420        | L             |
| 56SO420-RW       | 20                       | 500 V             | 3P + E         | [2,5,6]               | 107       | 101 | 102 | White  | 56P420        | L             |
| 56SO510-RW       | 10                       | 500 V             | 3P + N + E     | [1,5,6]               | 107       | 101 | 102 | White  | 56P510        | Q             |
| 56SO520LE-RW     | 20                       | 500 V             | 3P + N + E     | [2,5,6]               | 107       | 101 | 71  | White  | 56P520        | R             |
| 56SO520-RW       | 20                       | 500 V             | 3P + N + E     | [2,5,6]               | 107       | 101 | 102 | White  | 56P520        | R             |
| 56SO532LE-RW     | 32                       | 500 V             | 3P + N + E     | [4,16]                | 107       | 101 | 74  | White  | 56P532        | S             |
| 56SO532-RW       | 32                       | 500 V             | 3P + N + E     | [4,16]                | 107       | 101 | 102 | White  | 56P532        | S             |

## Dimensions (mm)



## Dimensions (mm)



## Switches

### Surface Switches

The 56 Series Surface Switches are available from 250 V, 10 A to 500 V, 63 A. They incorporate a positive, rotary switch action. The 'ON' and 'OFF' positions are clearly marked and there is provision for two padlocks. Hole diameter is 8 mm. If locking is required in the 'ON' position, simply drill a hole where necessary. To provide easier wiring of our 56 Series Three Pole 63 A Switch, a deeper two gang enclosure and centrally mounted option (Cat. No. 56SW363/2), allows additional room for wiring associated with this application.

Earth and neutral connectors accommodating 3 x 6 mm<sup>2</sup> cables are supplied with all products above 20 A. All 63 A switches come with the facility to fit auxiliary micro switch 56SWAUX15.

#### Note:

- AC utilisation categories to AS/NZS3947.3,  $I_{the}$  - Conventional Enclosed Thermal Current,  $I_e$  - Operational Current,  $U_i$  - Insulation Voltage,  $U_e$  - Operational Voltage.
- For Fluorescent Loads use 56SW110HD or 56SW115HD instead of 56SW110 or 56SW115.
- Less Enclosure versions are indicated with the letters LE in the reference.



## Acid - Clipsal 56 Series

| Catalogue Number | No. of Switch Poles | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Ie (A) Utilisation Category |       |       | M Rating | Cond. Term Size in mm | O/A Dims.     |     |     | Colour |
|------------------|---------------------|------------------------|----------------|-----------------------------|-------|-------|----------|-----------------------|---------------|-----|-----|--------|
|                  |                     |                        |                | AC21A                       | AC22A | AC23A |          |                       | Min.Max/Cond. | (H) | (W) | (D)    |
| 56SW110/I-RO     | 1P                  | 10                     | 250            | 10                          | 8     | 8     | M80      | [1.5,6]               | 107           | 101 | 83  | Orange |
| 56SW110/2-RO     | 1P                  | 10                     | 250            | 10                          | 8     | 8     | M80      | [1.5,6]               | 107           | 101 | 83  | Orange |
| 56SW110-RO       | 1P                  | 10                     | 250            | 10                          | 8     | 8     | M80      | [1.5,6]               | 107           | 101 | 83  | Orange |
| 56SW110LE-RO     | 1P                  | 10                     | 250            | 10                          | 8     | 8     | M80      | [1.5,6]               | 107           | 101 | 70  | Orange |
| 56SW110HD-RO     | 1P                  | 10                     | 250            | 10                          | 10    | 10    | M100     | [6,16]                | 107           | 101 | 108 | Orange |
| 56SW110HDLE-RO   | 1P                  | 10                     | 250            | 10                          | 10    | 10    | M100     | [6,16]                | 107           | 101 | 72  | Orange |
| 56SW115/2-RO     | 1P                  | 15                     | 250            | 15                          | 8     | 8     | M80      | [1.5,6]               | 107           | 101 | 83  | Orange |
| 56SW115/2LE-RO   | 1P                  | 15                     | 250            | 15                          | 8     | 8     | M80      | [1.5,6]               | 107           | 101 | 70  | Orange |
| 56SW115-RO       | 1P                  | 15                     | 250            | 15                          | 8     | 8     | M80      | [1.5,6]               | 107           | 101 | 83  | Orange |
| 56SW115HD-RO     | 1P                  | 15                     | 250            | 15                          | 15    | 15    | M100     | [6,16]                | 107           | 101 | 108 | Orange |
| 56SW115LE-RO     | 1P                  | 15                     | 250            | 15                          | 8     | 8     | M80      | [1.5,6]               | 107           | 101 | 70  | Orange |
| 56SW120-RO       | 1P                  | 20                     | 250            | 20                          | 20    | 20    | M150     | [2.5,16]              | 107           | 101 | 108 | Orange |
| 56SW120LE-RO     | 1P                  | 20                     | 250            | 20                          | 20    | 20    | M150     | [2.5,16]              | 107           | 101 | 72  | Orange |
| 56SW132-RO       | 1P                  | 32                     | 250            | 32                          | 32    | 28    | M180     | [4,16]                | 107           | 101 | 108 | Orange |
| 56SW132LE-RO     | 1P                  | 32                     | 250            | 32                          | 32    | 28    | M180     | [4,16]                | 107           | 101 | 72  | Orange |
| 56SW210/2-RO     | 2P                  | 10                     | 250            | 0                           | 0     | 0     | M40      | [0.75,6]              | 107           | 101 | 83  | Orange |
| 56SW220CO-RO     | 2P                  | 20                     | 250            | 20                          | 20    | 20    | M150     | [2.5,16]              | 107           | 101 | 124 | Orange |
| 56SW220-RO       | 2P                  | 20                     | 250            | 20                          | 20    | 20    | M150     | [2.5,16]              | 107           | 101 | 108 | Orange |
| 56SW220LE-RO     | 2P                  | 20                     | 250            | 20                          | 20    | 20    | M150     | [2.5,16]              | 107           | 101 | 72  | Orange |

## Acid - Clipsal 56 Series

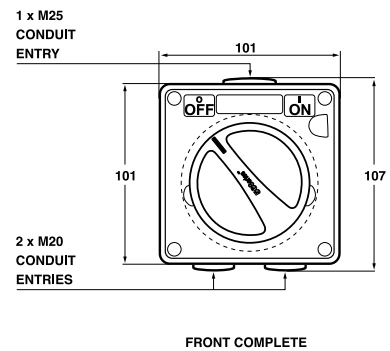
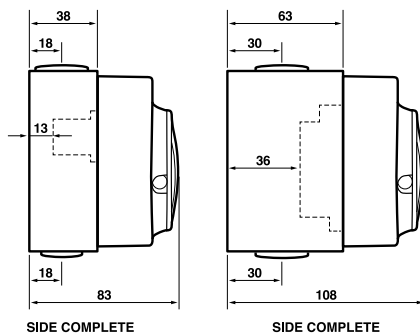
| Catalogue Number | No. of Switch Poles | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Ie (A) Utilisation Category |       |       | M Rating | Cond. Term Size in mm | O/A Dims.     |     |     | Colour |
|------------------|---------------------|------------------------|----------------|-----------------------------|-------|-------|----------|-----------------------|---------------|-----|-----|--------|
|                  |                     |                        |                | AC21A                       | AC22A | AC23A |          |                       | Min.Max/Cond. | (H) | (W) | (D)    |
| 56SW310-RO       | 3P                  | 10                     | 500            | 10                          | 10    | 10    | M100     | [1.5,16]              | 107           | 101 | 108 | Orange |
| 56SW310LE-RO     | 3P                  | 10                     | 500            | 10                          | 10    | 10    | M100     | [1.5,16]              | 107           | 101 | 72  | Orange |
| 56SW320R-RO      | 3P                  | 20                     | 500            | 20                          | 20    | 20    | 0        | [2.5,16]              | 107           | 101 | 108 | Orange |
| 56SW320CX-RO     | 3P                  | 20                     | 500            | 20                          | 20    | 20    | M150     | [2.5,16]              | 107           | 101 | 108 | Orange |
| 56SW320CXLE-RO   | 3P                  | 20                     | 500            | 20                          | 20    | 20    | M150     | [2.5,16]              | 107           | 101 | 72  | Orange |
| 56SW320-RO       | 3P                  | 20                     | 500            | 20                          | 20    | 20    | M150     | [2.5,16]              | 107           | 101 | 108 | Orange |
| 56SW320LE-RO     | 3P                  | 20                     | 500            | 20                          | 20    | 20    | M150     | [2.5,16]              | 107           | 101 | 72  | Orange |
| 56SW332CX-RO     | 3P                  | 32                     | 500            | 32                          | 32    | 28    | M180     | [4,16]                | 107           | 101 | 108 | Orange |
| 56SW332-RO       | 3P                  | 32                     | 500            | 32                          | 32    | 28    | M180     | [4,16]                | 107           | 101 | 108 | Orange |
| 56SW332LE-RO     | 3P                  | 32                     | 500            | 32                          | 32    | 28    | M180     | [4,16]                | 107           | 101 | 72  | Orange |
| 56SW350-RO       | 3P                  | 50                     | 500            | 50                          | 50    | 25    | M250     | [10,25]               | 107           | 101 | 108 | Orange |
| 56SW363/2-RO     | 3P                  | 63                     | 500            | 63                          | 63    | 25    | M300     | [16,25]               | 204           | 101 | 108 | Orange |
| 56SW363-RO       | 3P                  | 63                     | 500            | 63                          | 63    | 25    | M300     | [16,25]               | 107           | 101 | 108 | Orange |
| 56SW363LE-RO     | 3P                  | 63                     | 500            | 63                          | 63    | 25    | M300     | [16,25]               | 107           | 101 | 69  | Orange |
| 56SW420-RO       | 4P                  | 20                     | 500            | 20                          | 20    | 20    | M150     | [2.5,6]               | 107           | 101 | 108 | Orange |
| 56SW420LE-RO     | 4P                  | 20                     | 500            | 20                          | 20    | 20    | M150     | [2.5,6]               | 107           | 101 | 72  | Orange |
| 56SW420CO-RO     | 4P                  | 20                     | 500            | 20                          | 20    | 20    | 0        | [2.5,6]               | 107           | 101 | 124 | Orange |
| 56SW432-RO       | 4P                  | 32                     | 500            | 32                          | 32    | 28    | M180     | [2.5,6]               | 107           | 101 | 108 | Orange |
| 56SW110/2-RW     | 1P                  | 10                     | 250            | 10                          | 8     | 8     | M80      | [1.5,6]               | 107           | 101 | 83  | White  |
| 56SW110/2LE-RW   | 1P                  | 10                     | 250            | 10                          | 8     | 8     | M80      | [1.5,6]               | 107           | 101 | 70  | White  |
| 56SW110-RW       | 1P                  | 10                     | 250            | 10                          | 8     | 8     | M80      | [1.5,6]               | 107           | 101 | 83  | White  |
| 56SW110LE-RW     | 1P                  | 10                     | 250            | 10                          | 8     | 8     | M80      | [1.5,6]               | 107           | 101 | 70  | White  |
| 56SW115/2-RW     | 1P                  | 15                     | 250            | 15                          | 8     | 8     | M80      | [1.5,6]               | 107           | 101 | 83  | White  |
| 56SW115/2LE-RW   | 1P                  | 15                     | 250            | 15                          | 8     | 8     | M80      | [1.5,6]               | 107           | 101 | 70  | White  |
| 56SW115-RW       | 1P                  | 15                     | 250            | 15                          | 8     | 8     | M80      | [1.5,6]               | 107           | 101 | 83  | White  |
| 56SW115HD-RW     | 1P                  | 15                     | 250            | 15                          | 15    | 15    | M100     | [6,16]                | 107           | 101 | 108 | White  |



## Acid - Clipsal 56 Series

| Catalogue Number | No. of Switch Poles | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Ie (A) Utilisation Category |       |       | M Rating | Cond. Term Size in mm | O/A Dims.     |     |     | Colour |
|------------------|---------------------|------------------------|----------------|-----------------------------|-------|-------|----------|-----------------------|---------------|-----|-----|--------|
|                  |                     |                        |                | AC21A                       | AC22A | AC23A |          |                       | Min.Max/Cond. | (H) | (W) | (D)    |
| 56SW115LE-RW     | 1P                  | 15                     | 250            | 15                          | 8     | 8     | M80      | [1.5,6]               | 107           | 101 | 70  | White  |
| 56SW120-RW       | 1P                  | 20                     | 250            | 20                          | 20    | 20    | M150     | [2.5,16]              | 107           | 101 | 108 | White  |
| 56SW120LE-RW     | 1P                  | 20                     | 250            | 20                          | 20    | 20    | M150     | [2.5,16]              | 107           | 101 | 72  | White  |
| 56SW132-RW       | 1P                  | 32                     | 250            | 32                          | 32    | 28    | M180     | [4,16]                | 107           | 101 | 108 | White  |
| 56SW132LE-RW     | 1P                  | 32                     | 250            | 32                          | 32    | 28    | M180     | [4,16]                | 107           | 101 | 72  | White  |
| 56SW150-RW       | 1P                  | 50                     | 250            | 50                          | 50    | 25    | M250     | [10,25]               | 107           | 101 | 108 | White  |
| 56SW310-RW       | 3P                  | 10                     | 500            | 10                          | 10    | 10    | M100     | [1.5,16]              | 107           | 101 | 108 | White  |
| 56SW310LE-RW     | 3P                  | 10                     | 500            | 10                          | 10    | 10    | M100     | [1.5,16]              | 107           | 101 | 72  | White  |
| 56SW320CX-RW     | 3P                  | 20                     | 500            | 20                          | 20    | 20    | M150     | [2.5,16]              | 107           | 101 | 108 | White  |
| 56SW320-RW       | 3P                  | 20                     | 500            | 20                          | 20    | 20    | M150     | [2.5,16]              | 107           | 101 | 108 | White  |
| 56SW320LE-RW     | 3P                  | 20                     | 500            | 20                          | 20    | 20    | M150     | [2.5,16]              | 107           | 101 | 72  | White  |
| 56SW332-RW       | 3P                  | 32                     | 500            | 32                          | 32    | 28    | M180     | [4,16]                | 107           | 101 | 108 | White  |
| 56SW332LE-RW     | 3P                  | 32                     | 500            | 32                          | 32    | 28    | M180     | [4,16]                | 107           | 101 | 72  | White  |
| 56SW350-RW       | 3P                  | 50                     | 500            | 50                          | 50    | 25    | M250     | [10,25]               | 107           | 101 | 108 | White  |
| 56SW350LE-RW     | 3P                  | 50                     | 500            | 50                          | 50    | 25    | M250     | [10,25]               | 107           | 101 | 69  | White  |
| 56SW363-RW       | 3P                  | 63                     | 500            | 63                          | 63    | 25    | M300     | [16,25]               | 107           | 101 | 108 | White  |
| 56SW363LE-RW     | 3P                  | 63                     | 500            | 63                          | 63    | 25    | M300     | [16,25]               | 107           | 101 | 69  | White  |
| 56SW420-RW       | 4P                  | 20                     | 500            | 20                          | 20    | 20    | M150     | [2.5,6]               | 107           | 101 | 108 | White  |

## Dimensions (mm)



## Surface Switches Shallow Cover



### Acid - Clipsal 56 Series

| Catalogue Number | No. of Switch Poles | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Ie (A) Utilisation Category |       |       | M Rating | Cond. Term Size in mm | O/A Dims.     |     |     | Colour |
|------------------|---------------------|------------------------|----------------|-----------------------------|-------|-------|----------|-----------------------|---------------|-----|-----|--------|
|                  |                     |                        |                | AC21A                       | AC22A | AC23A |          |                       | Min.Max/Cond. | (H) | (W) | (D)    |
| 56SWHS340-RO     | 3P                  | 40                     | 500            | 40                          | 0     | 15    | M220     | [1.5,16]              | 204           | 101 | 112 | Orange |
| 56SWHS363-RO     | 3P                  | 63                     | 500            | 63                          | 0     | 22    | M320     | [1.5,16]              | 204           | 101 | 112 | Orange |
| 56SWHS363LE-RO   | 3P                  | 63                     | 500            | 63                          | 0     | 22    | M320     | [1.5,16]              | 198           | 101 | 53  | Orange |
| 56SWHS363A-RO    | 3P                  | 63                     | 500            | 63                          | 0     | 22    | M320     | [1.5,16]              | 204           | 101 | 112 | Orange |
| 56SWHS363ALE-RO  | 3P                  | 63                     | 500            | 63                          | 0     | 22    | M320     | [1.5,16]              | 198           | 101 | 53  | Orange |
| 56SWHS432-RO     | 4P                  | 32                     | 500            | 32                          | 0     | 11    | M168     | [1,6]                 | 204           | 101 | 112 | Orange |
| 56SWHS440-RO     | 4P                  | 40                     | 500            | 40                          | 0     | 15    | M220     | [1.5,16]              | 204           | 101 | 112 | Orange |
| 56SWHS463-RO     | 4P                  | 63                     | 500            | 63                          | 0     | 18.5  | M320     | [1.5,16]              | 204           | 101 | 112 | Orange |
| 56SWHS463LE-RO   | 4P                  | 63                     | 500            | 63                          | 0     | 18.5  | M320     | [1.5,16]              | 198           | 101 | 53  | Orange |
| 56SWHS363-RW     | 3P                  | 63                     | 500            | 63                          | 0     | 18.5  | M320     | [1.5,16]              | 204           | 101 | 112 | White  |
| 56SWHS363LE-RW   | 3P                  | 63                     | 500            | 63                          | 0     | 18.5  | M320     | [1.5,16]              | 198           | 101 | 53  | White  |
| 56SWHS463-RW     | 4P                  | 63                     | 500            | 63                          | 0     | 18.5  | M320     | [1.5,16]              | 204           | 101 | 112 | White  |
| 56SWHS463LE-RW   | 4P                  | 63                     | 500            | 63                          | 0     | 18.5  | M320     | [1.5,16]              | 198           | 101 | 53  | White  |

## Changeover and Reversing Switches

Changeover and Reversing Switches are designed to give full motor control in a unit that is rated IP66. The 56 Series Changeover and Reversing Switches are housed within single modules as part of the overall modular concept of the range.

Earth and neutral connectors accommodating 3 x 6mm<sup>2</sup> cables are provided with all models.

Option available - 7 Series Cam Type Switch Mechanisms are used and therefore special configurations are available. Contact your Schneider Electric representative for more information.

### Acid - Clipsal 56 Series

| Catalogue Number | No. of Switch Poles | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Ie (A) Utilisation Category |       |       | M Rating | Cond. Term Size in mm | O/A Dims.     |     |     | Colour |
|------------------|---------------------|------------------------|----------------|-----------------------------|-------|-------|----------|-----------------------|---------------|-----|-----|--------|
|                  |                     |                        |                | AC21A                       | AC22A | AC23A |          |                       | Min.Max/Cond. | (H) | (W) | (D)    |
| 56SW220CO-RO     | 2P                  | 20                     | 250            | 20                          | 20    | 20    | M150     | [2.5,16]              | 107           | 101 | 124 | Orange |
| 56SW320R-RO      | 3P                  | 20                     | 500            | 20                          | 20    | 20    | 0        | [2.5,16]              | 107           | 101 | 108 | Orange |
| 56SW420CO-RO     | 4P                  | 20                     | 500            | 20                          | 20    | 20    | 0        | [2.5,6]               | 107           | 101 | 124 | Orange |

## Key Operated Switches

### Key Operated Switches

The 56 Series Key Operated Switches are designed for all key switch applications with the choice of three versions. Earth and neutral connectors accommodating 3 x 6 mm<sup>2</sup> are supplied with all models.

#### Standard Security

These Switches are designed for general applications. From single phase 20 A to three phase 50 A. These switches are supplied with individual keys.

#### Medium Security

These switches are fitted with high quality Lock Focus 227 Barrel locks. The key itself is rotated to operate the switch mechanism. These switches are supplied with individual keys.

The switch cover has smooth edges to resist forced actuation.

Options available: Common keys for a number of switches are available to special order.



### Acid - Clipsal 56 Series

| Catalogue Number | No. of Switch Poles | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Ie (A) Utilisation Category |       |       | M Rating | Cond. Term Size in mm | O/A Dims.     |     |     | Colour |
|------------------|---------------------|------------------------|----------------|-----------------------------|-------|-------|----------|-----------------------|---------------|-----|-----|--------|
|                  |                     |                        |                | AC21A                       | AC22A | AC23A |          |                       | Min.Max/Cond. | (H) | (W) | (D)    |
| 56K1SW115-RO     | 1P                  | 15                     | 250            | 15                          | 8     | 8     | M80      | [1.5,6]               | 107           | 101 | 87  | Orange |
| 56K1SW120-RO     | 1P                  | 20                     | 250            | 20                          | 20    | 20    | M250     | [2.5,25]              | 107           | 101 | 112 | Orange |
| 56K1SW320-RO     | 3P                  | 20                     | 500            | 20                          | 20    | 20    | M200     | [2.5,25]              | 107           | 101 | 112 | Orange |
| 56K2SW115-RO     | 1P                  | 15                     | 250            | 15                          | 8     | 8     | M80      | [1.5,6]               | 107           | 101 | 83  | Orange |
| 56K2SW115CK-RO   | 1P                  | 15                     | 250            | 15                          | 8     | 8     | M80      | [1.5,6]               | 107           | 101 | 83  | Orange |
| 56K2SW120-RO     | 1P                  | 20                     | 250            | 20                          | 20    | 20    | M250     | [2.5,25]              | 107           | 101 | 112 | Orange |
| 56K2SW332-RO     | 3P                  | 32                     | 500            | 32                          | 32    | 28    | M200     | [4,25]                | 107           | 101 | 112 | Orange |
| 56K1SW120-RW     | 1P                  | 20                     | 250            | 20                          | 20    | 20    | M250     | [2.5,25]              | 107           | 101 | 112 | White  |
| 56K1SW320-RW     | 3P                  | 20                     | 500            | 20                          | 20    | 20    | M200     | [2.5,25]              | 107           | 101 | 112 | White  |
| 56K2SW120CK-RW   | 1P                  | 20                     | 250            | 20                          | 20    | 20    | M250     | [2.5,25]              | 107           | 101 | 112 | White  |

## Sliding Dolly Switches

The 56 Series Single and Twin Sliding Switches are available in 10 A and 15 A ratings. A single intermediate switch is also available.



## Acid - Clipsal 56 Series

| Catalogue Number | No. of switch poles | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Ie (A) Utilisation Category |       |       | M Rating | Cond. Term Size in mm | O/A Dims.     |     |     | Colour |
|------------------|---------------------|------------------------|----------------|-----------------------------|-------|-------|----------|-----------------------|---------------|-----|-----|--------|
|                  |                     |                        |                | AC21A                       | AC22A | AC23A |          |                       | Min.Max/Cond. | (H) | (W) | (D)    |
| 56SSW10-RO       | 1P                  | 10                     | 250            | 0                           | 0     | 0     | M80      | [1.5,6]               | 107           | 101 | 65  | Orange |
| 56SSW10LE-RO     | 1P                  | 10                     | 250            | 0                           | 0     | 0     | M80      | [1.5,6]               | 107           | 101 | 48  | Orange |
| 56SSW2/10-RO     | 1P                  | 10                     | 250            | 0                           | 0     | 0     | M80      | [1.5,6]               | 107           | 101 | 65  | Orange |
| 56SSW2/15-RO     | 1P                  | 15                     | 250            | 0                           | 0     | 0     | M80      | [1.5,6]               | 107           | 101 | 65  | Orange |
| 56SSW10-RW       | 1P                  | 10                     | 250            | 0                           | 0     | 0     | M80      | [1.5,6]               | 107           | 101 | 65  | White  |
| 56SSW15-RW       | 1P                  | 15                     | 250            | 0                           | 0     | 0     | M80      | [1.5,6]               | 107           | 101 | 65  | White  |

## Timer Switches

**56 Series TC Synchronised Timers** allow time control in IP56 environments. They are available in 24 hours and 7 days configurations with minimum switching times as indicated.

All timers are supplied with sliding tabs for easy setting and are fitted with manual override switches. This timer has a 150 hour battery running reserve.

The 56TC Timer range is not suitable for fluorescent loads.

**56 Series Two Hour Process Timer** is a surface mounting model that features a mechanical timer operated by a rotary switch. The timer is fully variable with the range of zero to two hours in 10 minute increments which can be reset or overridden at any stage.

A single gang module, the unit is double pole 250 V 16 A a.c. and is supplied as standard with a power on neon. The 16 A mechanism has pressure plate type terminals. The 56SWT216 is ideally suited to run pumping or filtering operations or for use with hot water service boosters. Also suitable for fluorescent loads. This timer has a 150 hour battery running reserve. When a timer with pin point precision is required in an IP66 environment, you can use the 56TCDB Digital Timer.

The digital timer features highly accurate timing and multi-function control with fully programmable push button facilities. The 56TCDB also incorporates a 150 hour battery running reserve that retains information in the event of a loss of mains power.

The 56TCDB Timer is not suitable to switch fluorescent loads. The timer has a stored charge and therefore should not be connected to portable equipment.

Other features are as follows:

### Holiday Programming

Before going away, a simple holiday program can be set for a period of up to 99 days. This program will have priority over the normal program and can either operate as set or continually without a preset limit. Program start can be immediate or delayed by up to six days.



56TC



56TCDB

### Seven Day Fully Programmable

There are 42 Memory Locations. This facility enables up to 21 ON/OFF switching commands to be given at any time during a seven day period. For example,

- Memory No. 1 (ON) Mon, 8.00 a.m.
- Memory No. 2 (OFF) Mon, 8.25 a.m.
- Memory No. 3 (ON) Mon, Tue, Wed, 9.00 p.m.
- Memory No. 4 (OFF) Mon, Tue, Wed, 9.40 p.m.

Settings can continue through to a maximum of 42 locations (21 on / 21 off).

### Daylight Saving Switch

- Enables summer/winter time changes at the press of a button.
- 150 hour battery running reserve
- Retains program and setting during power blackout.
- Inbuilt bypass switch - This function disengages timing when not required. The Inbuilt Bypass Switch can be set at permanently 'on' or permanently 'off' or 'on' until programmed 'off' or 'off' until programmed 'on'.

\*For further details refer to operating instructions.

Note in 2019 there will be a new push button timer (Catalogue Number 56PB10T-GY) that will also be programmable and operable from Smart Phones. Keep an eye out for this.

### Acid - Clipsal 56 Series

| Catalogue Number | No. of Switch Poles | I <sub>the</sub> (Amp) | U <sub>i</sub> / U <sub>e</sub> (Volt) | I <sub>e</sub> (A) Utilisation Category |       |       | M Rating | Cond. Term Size in mm | O/A Dims.     |     |     | Colour |
|------------------|---------------------|------------------------|----------------------------------------|-----------------------------------------|-------|-------|----------|-----------------------|---------------|-----|-----|--------|
|                  |                     |                        |                                        | AC21A                                   | AC22A | AC23A |          |                       | Min.Max/Cond. | (H) | (W) |        |
| 56SWT216-RO      | 2P                  | 16                     | 250                                    | 0                                       | 0     | 0     | 0        | [2.5,4]               | 107           | 101 | 102 | Orange |

### Push Button Control Stations

This rugged range consists of five different combinations of stop start control stations. The stations are ideal in wet, dusty, or dirty conditions for controlling motor starters on pumps, saws, compressors, lathes, processors, and processing lines.

56PB - Start control station.

56PBS - Stop control station.

56PBS1 - Emergency stop station. This station has a red mushroom head push button with twist reset.

56PBS2 - Stop Station. This station has a red mushroom head push button with twist reset. (labelled stop only).

56/2PB - Combination stop/start control station with momentary operation push buttons. The red stop button has an extended head and the green start button a flush head.

56/2PBS1 - Combination stop/start control station with same stop button as the 56PBS1.



## Acid - Clipsal 56 Series

| Catalogue Number | No. of Switch Poles | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Ie (A) Utilisation Category |       |       | M Rating | Cond. Term Size in mm | O/A Dims.     |     |     | Colour |
|------------------|---------------------|------------------------|----------------|-----------------------------|-------|-------|----------|-----------------------|---------------|-----|-----|--------|
|                  |                     |                        |                | AC21A                       | AC22A | AC23A |          |                       | Min.Max/Cond. | (H) | (W) | (D)    |
| 56PBS1-RO        | 1P                  | 0                      | 500            | 0                           | 0     | 0     | 0        | [1,4]                 | 107           | 101 | 102 | Orange |
| 56/2PBLE-RO      | 1P                  | 10A                    | 250            | 0                           | 0     | 0     | 0        | [1,4]                 | 107           | 101 | 63  | Orange |
| 56/2PB-RO        | 1P                  | 10A                    | 250            | 0                           | 0     | 0     | 0        | [1,4]                 | 107           | 101 | 80  | Orange |
| 56PB-RW          | 1P                  | 0                      | 500            | 0                           | 0     | 0     | 0        | [1,4]                 | 107           | 101 | 76  | White  |
| 56/2PB-RW        | 1P                  | 10A                    | 250            | 0                           | 0     | 0     | 0        | [1,4]                 | 107           | 101 | 80  | White  |

## DOL Motor Starters

The rugged reliability and modular construction of 56 Series Industrial Switchgear, when combined with the cutting edge technology of the Schneider Electric range of contactors and overload relays, gives you the most exciting breakthrough in motor control technology.

A range of rugged, dependable DOL Motor Starters for single phase motors up to 2.2 kW (3.0 hp) and three phase motors up to 11 kW (7.5 hp). 56 Series Motor Starters offer unequalled levels of design flexibility, together with superior on the job performance.

For maximum versatility and flexibility there are four versions in each of the single and three phase options:

- START/STOP RESET
- STOP/RESET only
- START/STOP RESET with isolating switch

### Features

- Modular flexibility. Starters can be coupled with almost any number of 56 Series Modules in one enclosure.
- Ease of wiring.
- UV stabilised for proven outdoor performance.
- IP66.
- Heavy-duty impact resistant enclosure.
- Customised units can be ordered to meet individual customer requirements.



## Acid - Clipsal 56 Series

| Catalogue Number | No. of Switch Poles | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Ie (A) Utilisation Category |       |       | M Rating | Cond. Term Size in mm | O/A Dims.     |     |     | Colour |
|------------------|---------------------|------------------------|----------------|-----------------------------|-------|-------|----------|-----------------------|---------------|-----|-----|--------|
|                  |                     |                        |                | AC21A                       | AC22A | AC23A |          |                       | Min.Max/Cond. | (H) | (W) | (D)    |
| 56DOL9/1V6-RO    | 0                   | 0                      | 240            | 0                           | 0     | 0     | 0        | 0                     | 204           | 101 | 0   | Orange |
| 56DOL9/2V5-RO    | 0                   | 0                      | 240            | 0                           | 0     | 0     | 0        | 0                     | 204           | 101 | 0   | Orange |
| 56DOL9/6-RO      | 0                   | 0                      | 240            | 0                           | 0     | 0     | 0        | 0                     | 204           | 101 | 0   | Orange |
| 56DOL9CVR/1-RO   | 0                   | 0                      | 0              | 0                           | 0     | 0     | 0        | 0                     | 204           | 101 | 0   | Orange |



## Appliance Inlets

The 56 Series Appliance Inlets feature a downward facing, angled pin housing which enables extension socket plugs to be neatly connected without bulky right angle entry. A screwed lock ring is standard on all models to attach extension sockets and appliance connectors, and maintain IP integrity.

**Note:** The IP rating is only achieved on 500 V appliance inlets if the screw-on cap (56PC Series) provided is fitted when not in use.

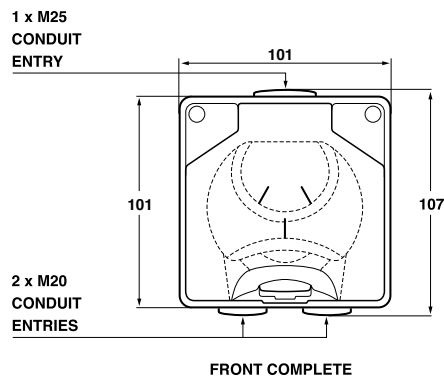
All 56AI Series Appliance Inlets are compatible with 56CSC Extension Sockets and there is no need for special reverse pin plugs. Less Enclosure versions are indicated by the letters LE in the reference.



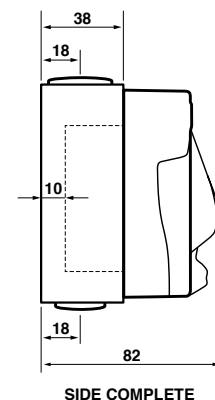
### Acid - Clipsal 56 Series

| Catalogue Number | I <sub>th</sub> (Amp) | Ui / Ue (Volt) | Type of socket | Cond. Term Size in mm | O/A Dims. |     |     | Colour          | Matching plug | Socket config |
|------------------|-----------------------|----------------|----------------|-----------------------|-----------|-----|-----|-----------------|---------------|---------------|
|                  |                       |                |                | Min.Max/Cond.         | (H)       | (W) | (D) |                 |               |               |
| 56AI310LE-RO     | 10                    | 250            | 1P + N + E     | [1.5,6]               | 107       | 101 | 72  | Orange          | 56CSC310      | A             |
| 56AI310-RO       | 10                    | 250            | 1P + N + E     | [1.5,6]               | 107       | 101 | 82  | Orange          | 56CSC310      | A             |
| 56AI315-RO       | 15                    | 250            | 1P + N + E     | [2.5,6]               | 107       | 101 | 82  | Orange          | 56CSC315      | B             |
| 56AI420-EO       | 20                    | 500            | 3P + E         | [2.5,6]               | 204       | 101 | 138 | Electric Orange | 56CSC420      | L             |
| 56AI420LE-EO     | 20                    | 500            | 3P + E         | [2.5,6]               | 204       | 101 | 100 | Electric Orange | 56CSC420      | L             |
| 56AI432-EO       | 32                    | 500            | 3P + E         | [6,16]                | 204       | 101 | 165 | Electric Orange | 56CSC432      | N             |
| 56AI432LE-EO     | 32                    | 500            | 3P + E         | [6,16]                | 204       | 101 | 102 | Electric Orange | 56CSC432      | N             |
| 56AI510-EO       | 10                    | 500            | 3P + N + E     | [1.5,6]               | 204       | 101 | 138 | Electric Orange | 56CSC510      | Q             |
| 56AI520-EO       | 20                    | 500            | 3P + N + E     | [2.5,6]               | 204       | 101 | 138 | Electric Orange | 56CSC520      | R             |
| 56AI532-EO       | 32                    | 500            | 3P + N + E     | [6,16]                | 204       | 101 | 165 | Electric Orange | 56CSC532      | S             |
| 56AI532LE-EO     | 32                    | 500            | 3P + N + E     | [6,16]                | 204       | 101 | 102 | Electric Orange | 56CSC532      | S             |
| 56AI540-EO       | 40                    | 500            | 3P + N + E     | [10,16]               | 204       | 101 | 165 | Electric Orange | 56CSC540      | T             |
| 56AI550-EO       | 50                    | 500            | 3P + N + E     | [10,16]               | 204       | 101 | 165 | Electric Orange | 56CSC550      | U             |

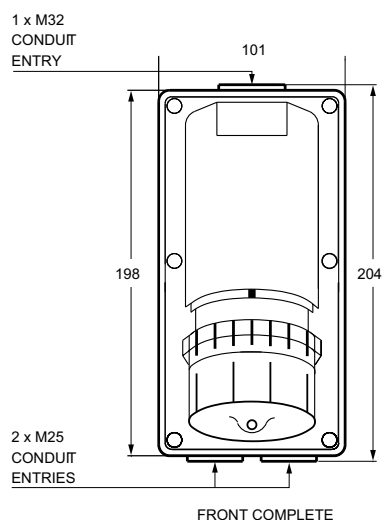
### Dimensions (mm)



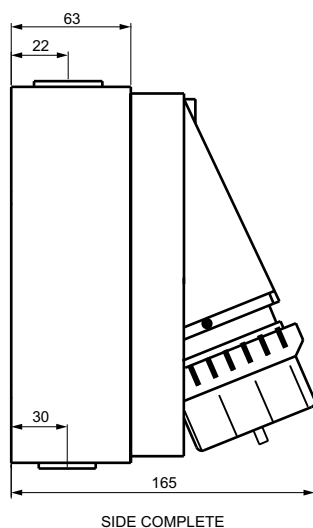
56AI310  
56AI315



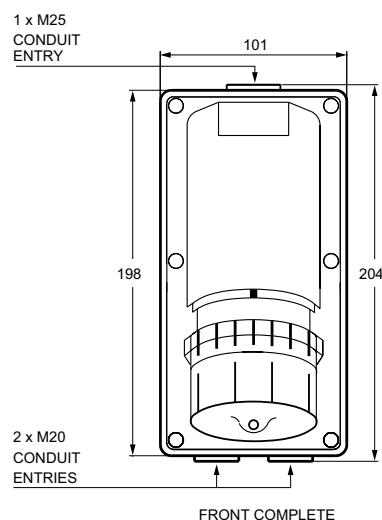
## Dimensions (mm)



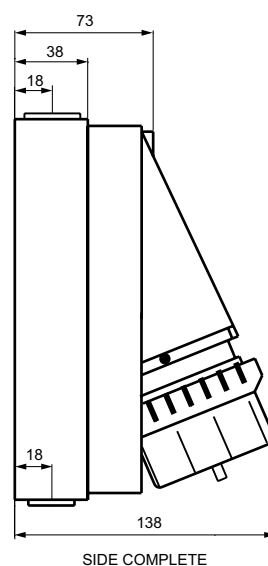
56AI432  
56AI440  
56AI450  
56AI332  
56AI532  
56AI540  
56AI550



SIDE COMPLETE



56AI320  
56AI410  
56AI420  
56AI510  
56AI520



SIDE COMPLETE

## Plugs

The 56 Series range of plugs and connectors has a proud history for being the toughest and most trusted industrial switchgear on the market.

Built tough to last, the plastics used to manufacture the 56 Series range are of industrial grade resins with high impact strength, UV protection, and chemical resistance.

Pin configurations for plugs, sockets, and switched socket outlets comply with three-phase AS/NZS3123, single-phase AS/NZS3112. The introduction of transparent materials to the Electric Orange and Grey range enables the inspection and checking of the component's pin/socket configuration and wiring at a glance, while still providing protection against the elements.



## Single-Phase Plugs

| Acid - Clipsal 56 Series |               |               |                 |                                    |                    |        |                   |                  |
|--------------------------|---------------|---------------|-----------------|------------------------------------|--------------------|--------|-------------------|------------------|
| Catalogue Number         | Rated Current | Rated Voltage | Pin Description | Conductor Terminal mm <sup>2</sup> | Cable Nominal Dia. | Colour | Pin Configuration | Gland Nut Thread |
|                          | (A)           | (V)           |                 | Min./Max                           | Min./Max           |        |                   |                  |
| 56P210-RO                | 10            | 250           | 1P + N          | [0.75,1]                           | [7,10]             | Orange | D                 | M20              |
| 56P215/32-RO             | 15            | 32            | Polarised       | [1.5,1.5]                          | [7,10]             | Orange | E                 | M20              |
| 56P310-RO                | 10            | 250           | 1P + N + E      | [0.75,1]                           | [7,10]             | Orange | A                 | M20              |
| 56P310RP-RO              | 10            | 250           | 1P + N + E      | [0.75,1]                           | [7,10]             | Orange | G                 | M20              |
| 56P310SL-RO              | 10            | 250           | 1P + N + E      | [0.75,1]                           | [7,10]             | Orange | F                 | M20              |
| 56P315-RO                | 15            | 250           | 1P + N + E      | [1.5,1.5]                          | [7,10]             | Orange | B                 | M20              |
| 56P320-RO                | 20            | 250           | 1P + N + E      | [1,6]                              | [7,16]             | Orange | Q                 | 56AM25           |
| 56P320F-RO               | 20            | 250           | 1P + N + E      | [1,6]                              | [10,17.5]          | Orange | C                 | M20              |

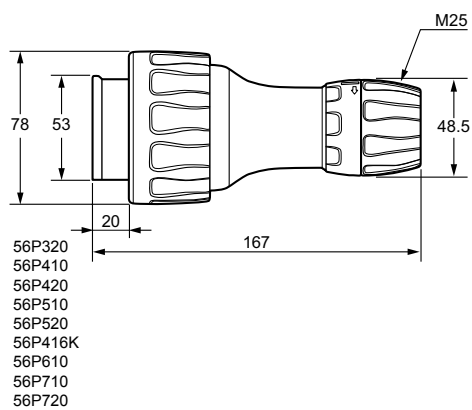
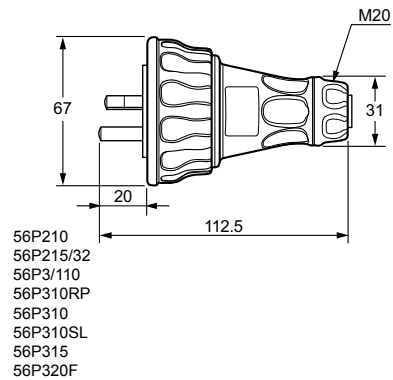
## Three Phase 10 A - 20 A Plugs

| Acid - Clipsal 56 Series |               |               |                 |                                    |                    |        |                   |                  |
|--------------------------|---------------|---------------|-----------------|------------------------------------|--------------------|--------|-------------------|------------------|
| Catalogue Number         | Rated Current | Rated Voltage | Pin Description | Conductor Terminal mm <sup>2</sup> | Cable Nominal Dia. | Colour | Pin Configuration | Gland Nut Thread |
|                          | (A)           | (V)           |                 | Min./Max                           | Min./Max           |        |                   |                  |
| 56P410-RO                | 10            | 500           | 3P + E          | [1,6]                              | [7,16]             | Orange | P                 | 56AM25           |
| 56P416K-RO               | 16            | 500           | 3P + E          | [1,6]                              | [7,16]             | Orange | S                 | 56AM25           |
| 56P420-RO                | 20            | 500           | 3P + E          | [1,6]                              | [7,16]             | Orange | R                 | 56AM25           |
| 56P510-RO                | 10            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | T                 | 56AM25           |
| 56P520-RO                | 20            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | U                 | 56AM25           |
| 56P610-RO                | 10            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | V                 | 56AM25           |
| 56P710-RO                | 10            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | W                 | 56AM25           |
| 56P720-RO                | 20            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | X                 | 56AM25           |
| 56PA320-RO               | 20            | 250           | 1P + N + E      | [1,6]                              | [7,16]             | Orange | Q                 | 56AM25           |
| 56PA410-RO               | 10            | 500           | 3P + E          | [1,6]                              | [7,16]             | Orange | P                 | 56AM25           |
| 56PA416K-RO              | 16            | 500           | 3P + E          | [1,6]                              | [7,16]             | Orange | S                 | 56AM25           |
| 56PA420-RO               | 20            | 500           | 3P + E          | [1,6]                              | [7,16]             | Orange | R                 | 56AM25           |
| 56PA510-RO               | 10            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | T                 | 56AM25           |
| 56PA520-RO               | 20            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | U                 | 56AM25           |
| 56PA710-RO               | 10            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | W                 | 56AM25           |
| 56PA720-RO               | 20            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | X                 | 56AM25           |

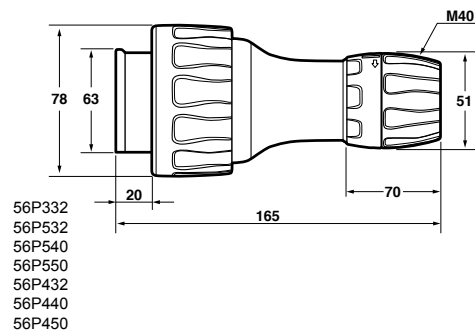
## Three Phase 32A - 50A Plugs

| Acid - Clipsal 56 Series |               |               |                 |                                    |                    |        |                   |                  |
|--------------------------|---------------|---------------|-----------------|------------------------------------|--------------------|--------|-------------------|------------------|
| Catalogue Number         | Rated Current | Rated Voltage | Pin Description | Conductor Terminal mm <sup>2</sup> | Cable Nominal Dia. | Colour | Pin Configuration | Gland Nut Thread |
|                          | (A)           | (V)           |                 | Min./Max                           | Min./Max           |        |                   |                  |
| 56P432-RO                | 32            | 500           | 3P + E          | [2.5,25]                           | [9,29]             | Orange | J                 | 56AM40           |
| 56P440-RO                | 40            | 500           | 3P + E          | [2.5,25]                           | [9,29]             | Orange | K                 | 56AM40           |
| 56P532-RO                | 32            | 500           | 3P + N + E      | [2.5,25]                           | [9,29]             | Orange | M                 | 56AM40           |
| 56PA332-RO               | 32            | 250           | 1P + N + E      | [2.5,25]                           | [9,29]             | Orange | I                 | 56AM40           |
| 56PA432-RO               | 32            | 500           | 3P + E          | [2.5,25]                           | [9,29]             | Orange | J                 | 56AM40           |
| 56PA432-RO               | 32            | 500           | 3P + E          | [2.5,25]                           | [9,29]             | Orange | J                 | 56AM40           |
| 56PA450-RO               | 50            | 500           | 3P + E          | [2.5,25]                           | [9,29]             | Orange | L                 | 56AM40           |
| 56PA532-RO               | 32            | 500           | 3P + N + E      | [2.5,25]                           | [9,29]             | Orange | M                 | 56AM40           |
| 56PA550-RO               | 50            | 500           | 3P + N + E      | [2.5,25]                           | [9,29]             | Orange | O                 | 56AM40           |

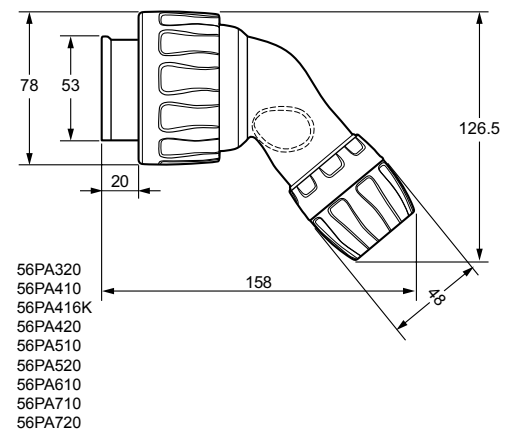
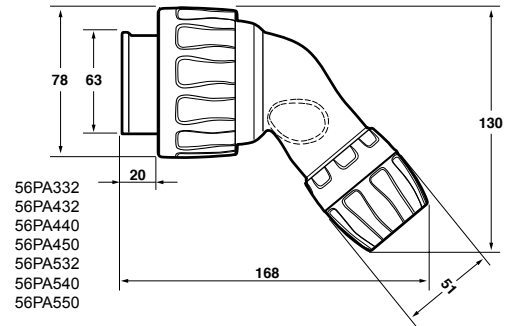
## Dimensions (mm)



## 56P332 - 56P550



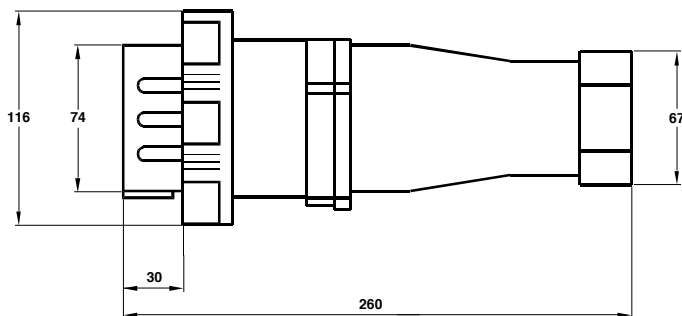
## 56PA332 - 56PA550



## 66 Series Plugs

### Acid - Clipsal 66 Series

| Catalogue Number | Rated Current | Rated Voltage | Conductor Terminal mm <sup>2</sup> | Cable Nominal Dia. | Colour          | Entry Size (mm) |
|------------------|---------------|---------------|------------------------------------|--------------------|-----------------|-----------------|
|                  | (A)           | (V)           | Min./Max                           | Min./Max           |                 |                 |
| 66P450-EO        | 50            | 500           | [6,25]                             | [25.5,40]          | Electric Orange | 50              |
| 66P463-EO        | 63            | 500           | [6,25]                             | [25.5,40]          | Electric Orange | 50              |
| 66P463-RO        | 63            | 500           | [6,25]                             | [25.5,40]          | Orange          | 50              |
| 66P550-EO        | 50            | 500           | [6,25]                             | [25.5,40]          | Electric Orange | 50              |
| 66P563-EO        | 63            | 500           | [6,25]                             | [25.5,40]          | Electric Orange | 50              |
| 66P563-RO        | 63            | 500           | [6,25]                             | [25.5,40]          | Orange          | 50              |
| 66P750-EO        | 50            | 500           | [6,25/10]                          | [25.5,40]          | Electric Orange | 50              |
| 66P763-EO        | 63            | 500           | [6,25/10]                          | [25.5,40]          | Electric Orange | 50              |



66P450  
66P463  
66P550  
66P563  
66P750  
66P763

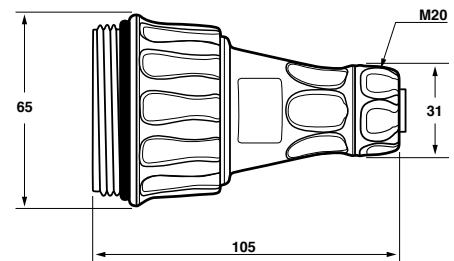
## Extension Sockets and Appliance Connectors

The 56 Series Extension Socket and Appliance Connector range is an important design breakthrough. It provides a common unit for both cord extension socket and appliance connector applications. All connectors have impact-resistant, UV-stabilised mouldings.

The IP66 rating can be achieved when extension sockets and connectors are used in conjunction with compatible accessories such as 56P Plugs, 56PA Plugs, and 56AI Appliance Inlets.

The IP66 rated units feature a flap, which maintains the International Protection Rating when the accessory is not being used.

The flap is not provided as standard with smaller single-phase extension sockets. The 56AM25 Adapter suits 25 mm cable and conduit glands, and is suitable on 10 A and 20 A units (three-phase). 56AM40 Adapter suits 40 mm cable and conduit glands, and is suitable on 32 A and 50 A units (three-phase).



### Acid - Clipsal 56 Series

| Catalogue Number | Rated Current | Rated Voltage | Conductor Terminal mm <sup>2</sup> | Cable Nominal Dia. | Socket Description | Pin Configuration | Gland Nut Thread | Matching Straight Plug | Matching Angled Plug | Colour |
|------------------|---------------|---------------|------------------------------------|--------------------|--------------------|-------------------|------------------|------------------------|----------------------|--------|
|                  | (A)           | (V)           | Min./Max                           | Min./Max           |                    |                   |                  |                        |                      |        |
| 56CSC310-RO      | 10            | 250           | [0.75,1.5]                         | [7,16]             | 1P + N + E         | A                 | M20              | 56P310-RO              | -                    | Orange |
| 56CSC315-RO      | 15            | 250           | [0.75,1.5]                         | [7,16]             | 1P + N + E         | B                 | M20              | 56P315-RO              | -                    | Orange |

## Pendant Outlets

Clipsal 56PO three-phase Pendant Outlets are a hanging version of the 56CSC Connectors. The pendant outlets range from 56PO410 to 56PO550 and all have impact-resistant, UV-stabilised mouldings.

56CSC Connectors can be converted to Pendant Outlets with the use of 56SHL or 56SHM suspension hooks.

### Switched Pendant Outlets

A 56 Series Switched Pendant Outlet combines performance and functionality. These IP66 rated outlets provide the ability to disconnect the supply without unplugging.

56SP0310 and 56SP0315 are available within this range.



56PO

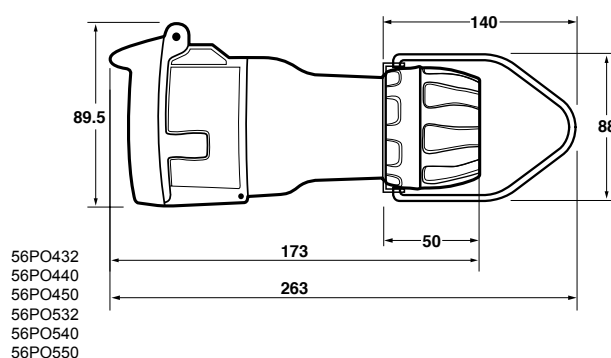
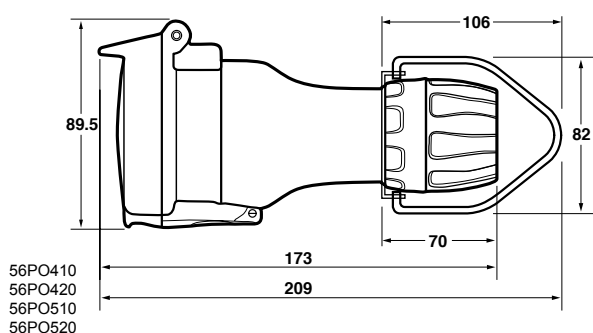


56SPO

## Acid - Clipsal 56 Series

| Catalogue Number | Rated Current | Rated Voltage | Conductor Terminal mm <sup>2</sup> | Cable Nominal Dia. | Socket Description | Pin Configuration | Gland Nut Thread | Matching Straight Plug | Matching Angled Plug | Colour          |
|------------------|---------------|---------------|------------------------------------|--------------------|--------------------|-------------------|------------------|------------------------|----------------------|-----------------|
|                  | (A)           | (V)           | Min./Max                           | Min./Max           |                    |                   |                  |                        |                      |                 |
| 56PO420-EO       | 20            | 500           | [1,6]                              | [7,16]             | 3P + E             | R                 | 56AM25           | 56P420-EO              | 56PA420-EO           | Electric Orange |
| 56PO432-EO       | 32            | 500           | [2,5,25]                           | [9,29]             | 3P + E             | J                 | 56AM40           | 56P432-EO              | 56PA432-EO           | Electric Orange |
| 56PO510-EO       | 10            | 500           | [1,6]                              | [7,16]             | 3P + N + E         | T                 | 56AM25           | 56P510-EO              | 56PA510-EO           | Electric Orange |
| 56PO520-EO       | 20            | 500           | [1,6]                              | [7,16]             | 3P + N + E         | U                 | 56AM25           | 56P520-EO              | 56PA520-EO           | Electric Orange |
| 56PO532-EO       | 32            | 500           | [2,5,25]                           | [9,29]             | 3P + N + E         | M                 | 56AM40           | 56P532-EO              | 56PA532-EO           | Electric Orange |
| 56PO550-EO       | 50            | 500           | [2,5,25]                           | [9,29]             | 3P + N + E         | O                 | 56AM40           | 56P550-EO              | 56PA550-EO           | Electric Orange |
| 56SP0310-RW      | 10            | 250           | [0,75,2,5]                         | [7,10]             | 1P + N + E         | A                 | M20              | 56P310                 | -                    | White           |
| 56SP0315-RW      | 15            | 250           | [0,75,2,5]                         | [7,10]             | 1P + N + E         | B                 | M20              | 56P315                 | -                    | White           |

## Dimensions (mm)





## Special Combinations and Modules

A poorly maintained appliance, a frayed cord, wet hands, or carelessness with power tools are all situations that can lead to tragedy. To help avoid electrocution in industrial environments, 56 series has a range of combination switched sockets with inbuilt RCD protection. The RCD works by constantly monitoring and comparing the current flow in both the Active and Neutral circuits of an electrical installation. During normal operation, these Active and Neutral currents are in balance. However, if current flows to Earth, an imbalance is created in these circuits. If this imbalance is sufficient (30 mA), the RCD will cut the electrical supply in less than 40 milliseconds, perhaps the most important fraction of a second in someone's life. Apart from the protection from electrocution that an RCD offers, it will also cut off power to expensive electrical equipment in the event of an electrical fault to Earth. This protects appliances against costly damage and the installation against fire resulting from faults of this nature.

The 56 series Combination Switched Sockets with RCD protection enable quick disconnection of power in the case of an emergency and provide motor rated isolation. A neon is standard on all models to indicate that the RCD is protecting the outlet. If the neon is not illuminated, the RCD has tripped and no power is available from the socket. The internal phase connections between switches and sockets are factory wired.

The 56RC provides stand alone protection or multiple protection of socket outlets in a modular IP66 Series Enclosure.

The RCD used in Clipsal 56 Series Modules only helps protect against shocks from current passing through the body to Earth.

Complete protection under all circumstances is not possible from this or any other device.



### Single Phase Residual Current Device

| Acid - Clipsal 56 Series |                         |                        |                    |                    |          |                                                    |                                         |                |     |     |        |
|--------------------------|-------------------------|------------------------|--------------------|--------------------|----------|----------------------------------------------------|-----------------------------------------|----------------|-----|-----|--------|
| Catalogue Number         | No. of Switch Poles     | $I_{\text{the}}$ (Amp) | $U_i / U_e$ (Volt) | Voltage Parameters |          | Prospective Short<br>Circuit Current 33kA for 40ms | Cond. Term Size in mm<br>Min./Max/Cond. | O/A Dimensions |     |     | Colour |
|                          |                         |                        |                    | Min. (V)           | Max. (V) |                                                    |                                         | (H)            | (W) | (D) |        |
| 56RC-RO                  | 2 Pole 30mA 1 Phase RCD | 20                     | 250                | 190                | 260      | Unit must be protected by 20A max. MCB             | [1,10]                                  | 101            | 101 | 101 | Orange |
| 56RC-RW                  | 2 Pole 30mA 1 Phase RCD | 20                     | 250                | 190                | 260      | Unit must be protected by 20A max. MCB             | [1,10]                                  | 101            | 101 | 101 | White  |
| 56RCLE-RO                | 2 Pole 30mA 1 Phase RCD | 20                     | 250                | 190                | 260      | Unit must be protected by 20A max. MCB             | [1,10]                                  | 101            | 101 | 65  | Orange |
| 56RCLE-RW                | 2 Pole 30mA 1 Phase RCD | 20                     | 250                | 190                | 260      | Unit must be protected by 20A max. MCB             | [1,10]                                  | 101            | 101 | 65  | White  |

## RCD Protected Socket Outlets

| Acid - Clipsal 56 Series |                 |                    |            |                 |                                    |                |     |     |                        |                      |                |        |
|--------------------------|-----------------|--------------------|------------|-----------------|------------------------------------|----------------|-----|-----|------------------------|----------------------|----------------|--------|
| Catalogue Number         | $I_{the}$ (Amp) | $U_i / U_e$ (Volt) | Protection | Number of Gangs | Cond. Term Size in mm <sup>2</sup> | O/A Dimensions |     |     | Matching Straight plug | Matching Angled Plug | Socket Config. | Colour |
|                          |                 |                    |            |                 | Min.Max/Cond.                      | (H)            | (W) | (D) |                        |                      |                |        |
| 56C310RC-RO              | 10              | 250                | 30mA RCD   | 2 gang          | [1,6]                              | 204            | 101 | 102 | 56P310                 | -                    | A              | Orange |
| 56C310RC-RW              | 10              | 250                | 30mA RCD   | 2 gang          | [1,6]                              | 204            | 101 | 102 | 56P310                 | -                    | A              | White  |
| 56C315RC-RO              | 15              | 250                | 30mA RCD   | 2 gang          | [1,6]                              | 204            | 101 | 102 | 56P315                 | -                    | B              | Orange |
| 56C420RC-RO              | 20              | 500                | 30mA RCD   | 3 gang          | [1.5,16]                           | 294            | 101 | 110 | 56P420                 | 56PA420              | L              | Orange |
| 56C520RC-RO              | 20              | 500                | 30mA RCD   | 3 gang          | [1.5,16]                           | 294            | 101 | 110 | 56P520                 | 56PA520              | R              | Orange |
| 56C532RC-RO              | 32              | 500                | 30mA RCD   | 3 gang          | [4,16]                             | 294            | 101 | 110 | 56P532                 | 56PA532              | S              | Orange |

## Switched RCD Protected Socket Outlets

| Acid - Clipsal 56 Series |                     |                       |                |                                         |    |    |          |            |                 |                       |                |     |     |                        |                      |                |        |
|--------------------------|---------------------|-----------------------|----------------|-----------------------------------------|----|----|----------|------------|-----------------|-----------------------|----------------|-----|-----|------------------------|----------------------|----------------|--------|
| Catalogue Number         | No. of switch poles | I <sub>ne</sub> (Amp) | Ui / Ue (Volt) | I <sub>e</sub> (A) Utilisation Category |    |    | M Rating | Protection | Number of Gangs | Cond. Term Size in mm | O/A Dimensions |     |     | Matching Straight Plug | Matching Angled Plug | Socket Config. | Colour |
|                          |                     |                       |                |                                         |    |    |          |            |                 | Min/Max               | (H)            | (W) | (D) |                        |                      |                |        |
| 56SC310RC-RO             | 1 Pole              | 10                    | 8              | 10                                      | 8  | 8  | M100     | 30mA RCD   | 3 gang          | [2.5,6]               | 294            | 101 | 100 | 56P310                 | -                    | A              | Orange |
| 56SC310RC-RW             | 1 Pole              | 10                    | 8              | 10                                      | 8  | 8  | M100     | 30mA RCD   | 3 gang          | [2.5,6]               | 294            | 101 | 100 | 56P310                 | -                    | A              | White  |
| 56SC315RC-RO             | 1 Pole              | 15                    | 8              | 15                                      | 8  | 8  | M100     | 30mA RCD   | 3 gang          | [2.5,6]               | 294            | 101 | 100 | 56P315                 | -                    | B              | Orange |
| 56SC420RC-RO             | 3 Pole              | 20                    | 20             | 20                                      | 20 | 20 | M100     | 30mA RCD   | 4 gang          | [1.5,16]              | 204            | 204 | 135 | 56P420                 | 56PA420              | L              | Orange |
| 56SC520RC-RW             | 3 Pole              | 20                    | 20             | 20                                      | 20 | 20 | M100     | 30mA RCD   | 4 gang          | [1.5,16]              | 204            | 204 | 135 | 56P520                 | 56PA520              | R              | White  |
| 56SC532RC-RO             | 3 Pole              | 32                    | 32             | 32                                      | 32 | 20 | M100     | 30mA RCD   | 4 gang          | [4,16]                | 204            | 204 | 135 | 56P532                 | 56PA532              | S              | Orange |

## Portable Combined Switched Sockets with RCD

Ruggedly constructed, these portable units feature an easy to carry handle, a hanging facility for builders' poles and three metres of heavy-duty flexible cord.



56C315ELP-RO



56SO4ELP10-RO

## Acid - Clipsal 56 Series

| Catalogue Number | No. of Phases | $I_{nbe}$ (Amp) | Ui / Ue (Volt) | Protection | O/A Dimensions |     |     | Matching Straight Plug | Socket Type | Socket Config. | Colour |
|------------------|---------------|-----------------|----------------|------------|----------------|-----|-----|------------------------|-------------|----------------|--------|
|                  |               |                 |                |            | (H)            | (W) | (D) |                        |             |                |        |
| 56C315ELP-RO     | 1             | 15              | 250            | 30mA RCD   | 243            | 195 | 105 | 56P315                 | 3 Flat Pins | B              | Orange |
| 56SO4ELP10-RO    | 1             | 10              | 250            | 30mA RCD   | 243            | 294 | 105 | 56P310                 | 3 Flat Pins | A              | Orange |
| 56SO4ELP15-RO    | 1             | 15              | 250            | 30mA RCD   | 243            | 294 | 105 | 56P315                 | 3 Flat Pins | B              | Orange |
| 56310EL2P-RO     | 1             | 10              | 250            | 30mA RCD   | 243            | 195 | 105 | 56P310                 | 3 Flat Pins | A              | Orange |

## Mounting Enclosures (Lids & Back Boxes)

All 56 Series Mounting Back Boxes are moulded in UV stabilised rigid PVC to facilitate glueing of fittings for conduit entry. Ample conduit and cable entries are provided and there is plenty of wiring room for easy installation.

All screwed conduit entries are provided with plugs. The multigang enclosures feature moulded bridges between modules so switches and sockets sit flush on a continuous surface. Moulded dividers are also available for multigang boxes to segregate services and are standard with 4, 6, 8, 9, and 16 gang enclosures. Pillars can also be removed on all these enclosures if extra wiring space is required.

Each enclosure has a number of mounting points and 220/10 Sealing Plugs are provided to double insulate mounting screw heads and maintain the IP rating.

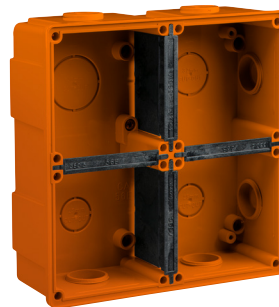
Moulded gaskets are supplied with switch and socket modules.



56E1-RO



56E2-RO

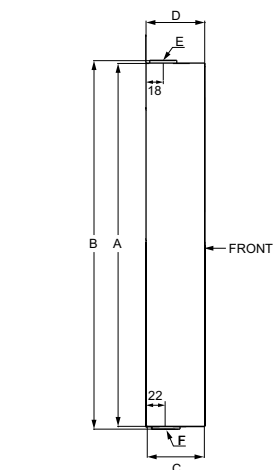
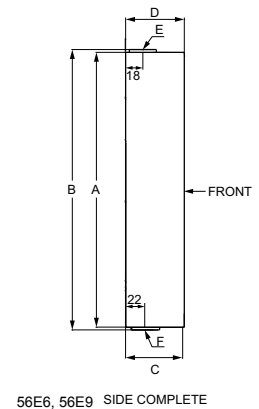
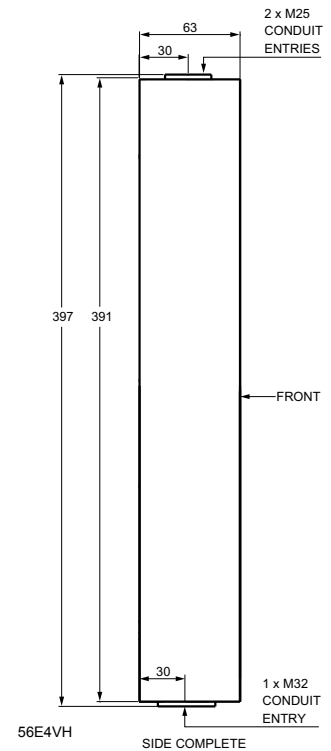
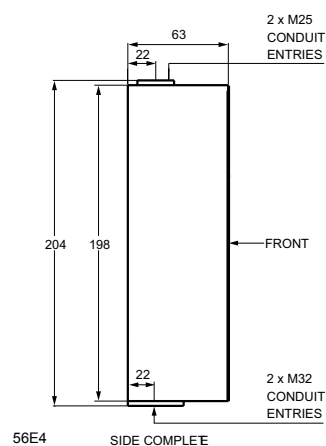
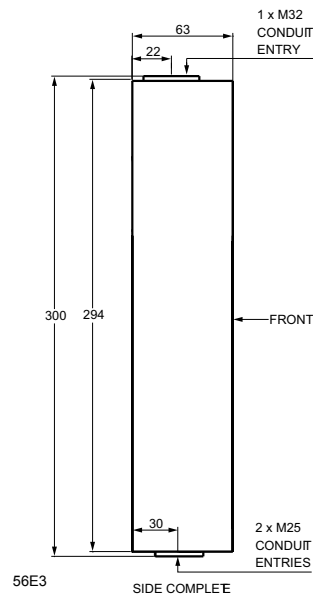
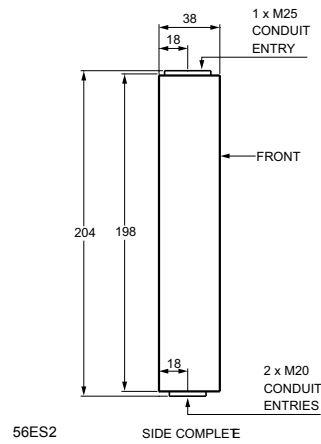
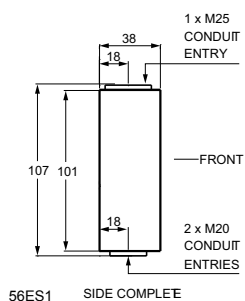
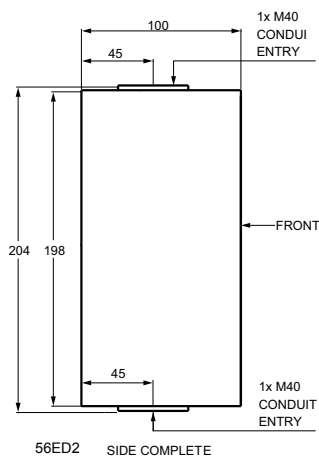
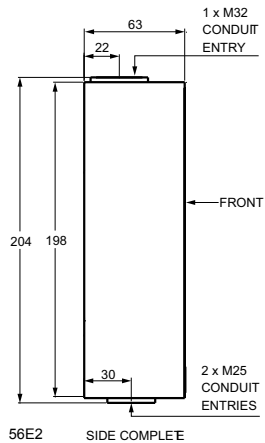
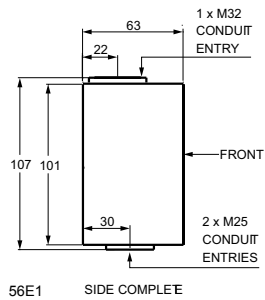


56E4-RO

## Acid - Clipsal 56 Series

| Catalogue Number | No. of Gangs | O/A Dimensions |     |     | Matching Points | No. of Conduit entries (mm) | Cut-out Provision (mm) | Colour | Bridges | Dividers |
|------------------|--------------|----------------|-----|-----|-----------------|-----------------------------|------------------------|--------|---------|----------|
|                  |              | (H)            | (W) | (D) |                 |                             |                        |        |         |          |
| 56E1-RO          | 1            | 102            | 102 | 63  | 8               | 2 x 25 - 1 x 32             | 1 x 25/32              | Orange | 0       | 0        |
| 56ES1-RO         | 2            | 102            | 102 | 40  | 8               | 2 x 25 - 1 x 32             | 1 x 20/25              | Orange | 0       | 0        |
| 56E2-RO          | 2            | 198            | 102 | 63  | 8               | 2 x 25 - 1 x 32             | 1 x 25, 1 x 32         | Orange | 1       | 0        |
| 56ES2-RO         | 2 Shallow    | 198            | 102 | 40  | 4               | 2 x 25 - 1 x 32             | 2 x 20/25              | Orange | 1       | 0        |
| 56EV2-RO         | 2 Vertical   | 110            | 145 | 110 | 8               | 2 x 25 - 1 x 32             | 0                      | Orange | 0       | 0        |
| 56ED2-RO         | 2 Deep       | 198            | 102 | 100 | 24              | 3 x 40                      | 1 x 25, 1 x 32         | Orange | 1       | 0        |
| 56E3-RO          | 3            | 294            | 102 | 63  | 0               | 2 x 25 - 1 x 32             | 2 x 25, 1 x 32         | Orange | 2       | 0        |
| 56E4-RO          | 4            | 198            | 198 | 63  | 0               | 2 x 25 - 4 x 32             | 2 x 25, 1 x 32, 1 x 40 | Orange | 2       | 2        |
| 56E4VH-RO        | 4 Vertical   | 396            | 102 | 63  | 0               | 1 x 25 - 1 x 32             | 2 x 25, 1 x 32, 1 x 40 | Orange | 3       | 0        |
| 56E6-RO          | 6            | 296            | 198 | 63  | 16              | 2 x 25 - 2 x 32             | 2 x 25, 2 x 32, 2 x 40 | Orange | 3       | 4        |
| 56E8-RO          | 8            | 396            | 198 | 63  | 16              | 2 x 25 - 2 x 32             | 4 x 25, 2 x 32, 2 x 40 | Orange | 4       | 6        |
| 56E1-RW          | 1            | 102            | 102 | 63  | 28              | 2 x 25 - 1 x 32             | 1 x 25/32              | White  | 0       | 0        |
| 56ES1-RW         | 1 Shallow    | 102            | 102 | 40  | 28              | 2 x 25 - 1 x 32             | 1 x 20/25              | White  | 0       | 0        |
| 56E2-RW          | 2            | 198            | 102 | 63  | 48              | 2 x 25 - 1 x 32             | 1 x 25, 1 x 32         | White  | 1       | 0        |
| 56ES2-RW         | 2 Shallow    | 198            | 102 | 40  | 49              | 2 x 25 - 1 x 32             | 2 x 20/25              | White  | 1       | 0        |
| 56EV2/225-RW     | 2 Vertical   | 110            | 145 | 110 | 50              | 2 x 25                      | 0                      | White  | 0       | 0        |
| 56EV2-RW         | 2 Vertical   | 110            | 145 | 110 | 51              | 2 x 25 - 1 x 32             | 0                      | White  | 0       | 0        |
| 56EV2/32-RW      | 2 Vertical   | 110            | 145 | 110 | 52              | 1 x 32                      | 0                      | White  | 0       | 0        |
| 56ED2-RW         | 2 Deep       | 198            | 102 | 100 | 57              | 3 x 40                      | 1 x 25, 1 x 32         | White  | 1       | 0        |
| 56E3-RW          | 3            | 294            | 102 | 63  | 53              | 2 x 25 - 1 x 32             | 2 x 25, 1 x 32         | White  | 2       | 0        |
| 56E4-RW          | 4            | 198            | 198 | 63  | 54              | 2 x 25 - 4 x 32             | 2 x 25, 1 x 32, 1 x 40 | White  | 2       | 2        |
| 56E6-RW          | 6            | 296            | 198 | 63  | 55              | 2 x 25 - 2 x 32             | 2 x 25, 2 x 32, 2 x 40 | White  | 3       | 4        |

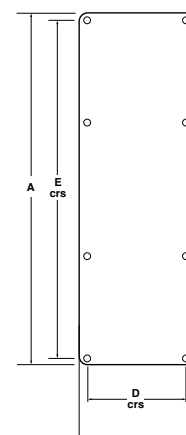
## Dimensions (mm)



| Catalogue Number | No. Gangs | Dimensions(mm) |     |     |    | Conduit Entries |         | Cut Out Provisions |    |    | 56 DV Dividers | 56B Bridges | Mounting Points |
|------------------|-----------|----------------|-----|-----|----|-----------------|---------|--------------------|----|----|----------------|-------------|-----------------|
|                  |           | A              | B   | C   | D  | E               | F       | G                  | H  | I  |                |             |                 |
| 56E6             | 6         | 294            | 300 | 198 | 63 | 2 x M25         | 2 x M32 | 25                 | 32 | 40 | 4              | 3           | 24              |
| 56E8             | 8         | 392            | 398 | 198 | 63 | 2 x M25         | 2 x M32 | 25                 | 32 | 40 | 6              | 4           | 28              |
| 56E9             | 9         | 294            | 300 | 294 | 63 | 3 x M25         | 3 x M32 | 25                 | 32 | 40 | 6              | 6           | 28              |
| 56E16            | 16        | 392            | 398 | 392 | 63 | 2 x M25         | 2 x M32 | 25                 | 32 | 40 | 12             | 8           | 48              |

## Mounting Enclosure Lids (Covers)

- Mounting enclosure lids are UV stabilised.
- All are 28 mm high and supplied complete with sealing gasket.
- One gang, 28 mm high lids are also available pre-drilled to accept 22 or 30.5 mm diameter push- buttons or indicating lights. Dimensions are identical to the 56L1.



### Acid - Clipsal 56 Series

| Catalogue Number | No. of Gangs | O/A Dimensions |     |    |     |     |    | Pre Drilled Hole Diameter (mm) | Hole Quantity | Colour |
|------------------|--------------|----------------|-----|----|-----|-----|----|--------------------------------|---------------|--------|
|                  |              | A              | B   | C  | D   | E   | F  |                                |               |        |
| 56L1-RO          | 1            | 95             | 95  | 28 | 84  | 84  | -  | -                              | -             | Orange |
| 56L1-RW          | 1            | 95             | 95  | 28 | 84  | 84  | -  | -                              | -             | White  |
| 56L2-RO          | 2            | 192            | 95  | 28 | 84  | 181 | -  | -                              | -             | Orange |
| 56L2-RW          | 2            | 192            | 95  | 28 | 84  | 181 | -  | -                              | -             | White  |
| 56L3-RO          | 3            | 288            | 95  | 28 | 84  | 277 | -  | -                              | -             | Orange |
| 56L4-RW          | 4            | 192            | 192 | 28 | 181 | 181 | -  | -                              | -             | White  |
| 56L1/22/2-RO     | 1            | 95             | 95  | 28 | 84  | 84  | 20 | 22                             | 2             | Orange |
| 56L1/22/2-RW     | 1            | 95             | 95  | 28 | 84  | 84  | 20 | 22                             | 2             | White  |
| 56L1/22-RO       | 1            | 95             | 95  | 28 | 84  | 84  | -  | 22                             | 1             | Orange |
| 56L1/22-RW       | 1            | 95             | 95  | 28 | 84  | 84  | -  | 22                             | 1             | White  |

## Pendant Outlet Kits

The 56PEK25 and 56PEK32 Suspension Enclosure Kit is a two module angled enclosure with a large eye for attaching a chain. The angle feature allows for greater ease of operation while suspended. The 56PEK25 has one single 25 mm entry and the 56PEK32 has one 32 mm entry.

The suspension enclosure is angled for easier operation in commercial and industrial environments.



56PEK25-RW

### Acid - Clipsal 56 Series

| Catalogue Number | No. of Gangs | Description                                                | No. of Conduit Entries (mm) | Colour | Bridges |
|------------------|--------------|------------------------------------------------------------|-----------------------------|--------|---------|
| 56PEK25-RO       | 2            | 56 Series Switched Pendant Outlet Kit - 25mm conduit entry | 1 x 25                      | Orange | 1       |
| 56PEK32-RO       | 2            | 56 Series Switched Pendant Outlet Kit - 32mm conduit entry | 1 x 32                      | Orange | 1       |
| 56PEK25-RW       | 2            | 56 Series Switched Pendant Outlet Kit - 25mm conduit entry | 1 x 25                      | White  | 1       |



# Adaptable Enclosures

## DIN Rail Accessory Mounting Cover Kits

The 56 Series Two Gang Cover Assemblies feature a specially designed DIN mounting bracket which accommodates the full range of Schneider Electric circuit breakers, RCDs, and combination MCB/RCDs.

Covers suit all 56 Series enclosures (minimum standard depth 63 mm) and are supplied with neon indicators, which can be wired from either the line or load side of the switch.

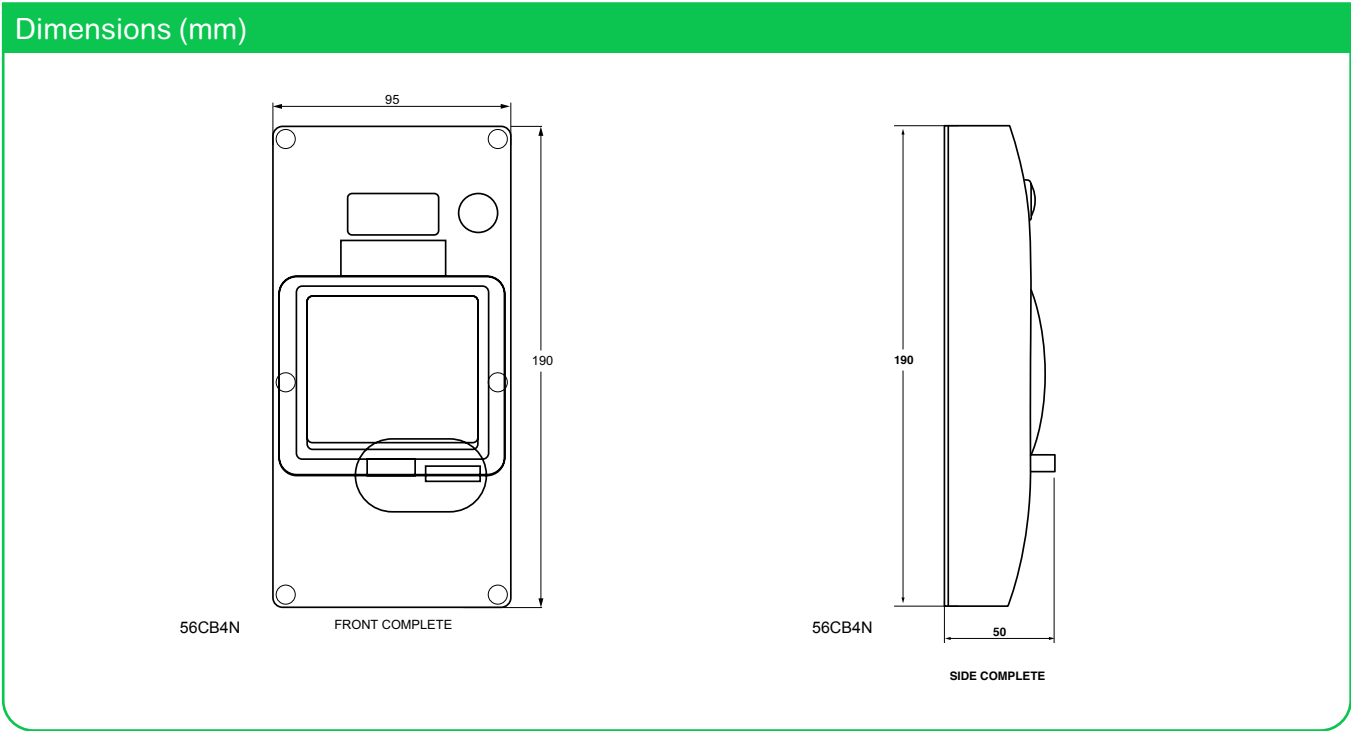
The unique 56CB4NM protective membrane, incorporated into the unit, covers MCBs, RCDs, and accessories to provide a barrier against dust and water, including wet hands when the flap is opened to reset switches.

All 56CB4 include a padlocking facility on the cover flap.

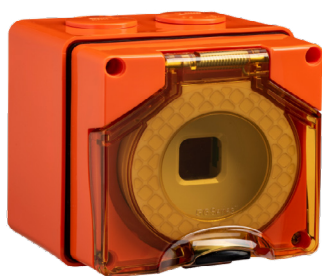
56CB4N series does not include mounting enclosure (back box), if required standard two-gang version can be ordered separately using either catalogue no. 56E2-RO or 56E2-RW.



| Acid - Clipsal 56 Series |              |                     |                  |              |              |                |        |        |        |
|--------------------------|--------------|---------------------|------------------|--------------|--------------|----------------|--------|--------|--------|
| Catalogue Number         | Ui/Ue (Volt) | Neon Voltage (Volt) | Module Type      | No. of Poles | Module Width | O/A Dimensions |        |        | Colour |
|                          |              |                     |                  |              |              | L (mm)         | W (mm) | D (mm) |        |
| 56CB4NM-RO               | 240 / 440    | 240 / 415           | 1, 2, 3 pole MCB | 4 RCD        | 4 Max        | 190            | 95     | 50     | Orange |
| 56CB4NM-RW               | 240 / 440    | 240 / 415           | 1, 2, 3 pole MCB | 4 RCD        | 4 Max        | 190            | 95     | 50     | White  |
| 56CB4N-RO                | 240 / 440    | 240 / 415           | 1, 2, 3 pole MCB | 4 RCD        | 4 Max        | 190            | 95     | 50     | Orange |



## Adaptable Enclosures



56M41-RO



56M42-RW

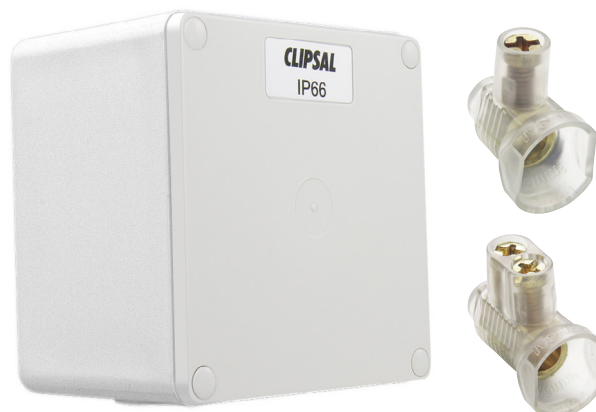
## Neutral - Clipsal 56 Series

| Catalogue Number | No. of Gangs | No. of Mounting points | Cut Outs | O/A Dimensions |     |     | Colour | Compatibility     |
|------------------|--------------|------------------------|----------|----------------|-----|-----|--------|-------------------|
|                  |              |                        |          | (H)            | (W) | (D) |        |                   |
| 56/32LE-RO       | 1            | -                      | 2        | 101            | 101 | 40  | orange | Clipsal 30 Mech   |
| 56/32LE-RW       | 2            | -                      | 2        | 101            | 101 | 40  | white  | Clipsal 30 Mech   |
| 56/32-RO         | 1            | 4                      | 2        | 101            | 101 | 77  | orange | Clipsal 30 Mech   |
| 56/32-RW         | 1            | 4                      | 2        | 101            | 101 | 77  | white  | Clipsal 30 Mech   |
| 56M41-RO         | 1            | 4                      | 1        | 101            | 101 | 77  | orange | Clipsal 40 Module |
| 56M41-RW         | 1            | 4                      | 1        | 101            | 101 | 77  | white  | Clipsal 40 Module |
| 56M42-RO         | 1            | 4                      | 2        | 101            | 101 | 77  | orange | Clipsal 40 Module |
| 56M42-RW         | 1            | 4                      | 2        | 101            | 101 | 77  | white  | Clipsal 40 Module |

## Junction Boxes

The 56 Series Junction Boxes are designed for industrial environments. They are supplied complete with Earth and Neutral connectors for up to 3 x 6 mm<sup>2</sup> cables and sealing gasket.

The 25 mm and 32 mm screwed conduit entries and sealing plugs are provided, as per the cable entry cut outs in the back.



### Acid - Clipsal 56 Series

| Catalogue Number | No. of Gangs | Cut Outs       | O/A Dimensions |     |     | Colour |
|------------------|--------------|----------------|----------------|-----|-----|--------|
|                  |              |                | (H)            | (W) | (D) |        |
| 56JB1-RO         | 1            | 1 x 25/32      | 101            | 101 | 91  | Orange |
| 56JB1-RW         | 1            | 1 x 25/32      | 101            | 101 | 91  | White  |
| 56JB1SWA-RO      | 1            | 3x20           | 101            | 101 | 91  | Orange |
| 56JB2-RO         | 2            | 1 x 25, 1 x 32 | 198            | 101 | 91  | Orange |

## 56 Series Distribution Board

The 56 Series Distribution Board is available in a fully modular design that lets you mix and match from 2 to 16 gangs, with an IP66 rating. You can make your own switchboard by fixing module devices together.

### Features

- 4 and 13 modules wide to suit DIN Rail RCDs, MCBs, MCB/RCD and accessories.
- Deep cover for ample wiring room above and below the DIN rail.
- Solid damage resistant cover.
- Cover latches open for easy maintenance.
- Space above MCBs to accept locking off and padlocking accessories.
- IPA identification drill outs.
- Time saving drop in cradle for easier cable installation on 56SB4.



### Acid - Clipsal 56 Series

| Catalogue Number | Ui/Ue (Volt) | Module Type      | No. of Poles | Module Width | O/A Dimensions |        |        | Colour |
|------------------|--------------|------------------|--------------|--------------|----------------|--------|--------|--------|
|                  |              |                  |              |              | L (mm)         | W (mm) | D (mm) |        |
| 56SB4-RO         | 240 / 440    | 1, 2, 3 pole MCB | 4 RCD        | 4 Max        | 204            | 101    | 139    | Orange |

## Adaptable Enclosures and Covers

The 56 Series Adaptable Enclosures are supplied complete with gear tray to mount control equipment, contactors, relays, time switches, transformers, etc.

Transparent deep lids (covers), sealing screws, and gasket are standard.

Gear trays have eight mounting points. Impact resistant and UV stabilised, the backbox and gear tray are moulded in PVC.



### Acid - Clipsal 56 Series

| Catalogue Number | No. of Gangs | No. of mounting points | Cut Outs       | O/A Dimensions |     |     | Colour |
|------------------|--------------|------------------------|----------------|----------------|-----|-----|--------|
|                  |              |                        |                | (H)            | (W) | (D) |        |
| 56DB2-RO         | 2            | 8                      | 1 x 25, 1 x 32 | 198            | 101 | 140 | Orange |
| 56DB2L-RO        | 2            | -                      | -              | 192            | 95  | 78  | Orange |

## Accessories and Spare Parts

### Switch, Socket, and Switched Socket Outlet Accessories

- Auxiliary Switch - 56 Series Catalogue Number 56SOAUX15 Suits 415 V sockets. This switch is used to indicate if plug is connected or not.
- Auxiliary Switch - 56 Series Catalogue Number 56SWAUX15 Suits 63 A switches. This switch is used to indicate if switch is 'ON' or 'OFF'.
- Single Phase Red LED Catalogue Number 56LEDK1 Field fit kits includes LED on flying leads, lens, o-ring, drill bit 5.5 mm (7/32), and instructions.
- Three Phase Red, White, Blue LED Catalogue Number 56LEDK3 Field fit kits includes LED on flying leads, lens, o-ring, drill bit 5.5 mm (7/32), and instructions.
- Adapts to various two-gang 56 Series cover assemblies
- LEDs provide more reliability and extended life compared to traditional neons used in 56 Series.
- Lock for Socket Flaps - 56 Series Catalogue Number 56SOLOCK Suits all products equipped with flap.



56LEDK1



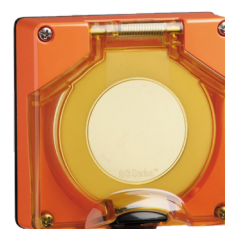
56SOAUX15



56LEDK3



56SOLOCK



56SOCOVER-RO



56SWAUX15

## Acid - Clipsal 56 Series

| Catalogue Number | Description                          | Number of Switched Poles | I <sub>the</sub> (Amp) | Ui/Ue (Volt) | Cond. Term Size in mm <sup>2</sup> | Colour           |
|------------------|--------------------------------------|--------------------------|------------------------|--------------|------------------------------------|------------------|
| Min/Max /Cond.   |                                      |                          |                        |              |                                    |                  |
| 56SWAUX15        | Auxiliary Switch - 56 Series         | 1P                       | 15                     | 250          | (1.5,6)                            | -                |
| 56LEDK1          | Single Phase Red LED                 | -                        | Up to 63               | 250          | -                                  | Red              |
| 56LEDK3          | Three Phase Red, White, Blue LED     | -                        | Up to 63               | 250 / 415    | -                                  | Red, Blue, White |
| 56SOLOCK         | Lock for Socket Flaps - 56 Series    | -                        | -                      | -            | -                                  | -                |
| 56SOAUX15        | Auxiliary Switch - 56 Series         | -                        | 15                     | 250          | (1.5,6)                            | -                |
| 56SOCOVER-RO     | Replacement Socket Cover - 56 Series | -                        | -                      | -            | -                                  | Orange           |
| 56SOCOVER-RW     | Replacement Socket Cover - 56 Series | -                        | -                      | -            | -                                  | White            |

## Plug, Extension Socket and Appliance Connector Accessories

The 56 series 56SHM and 56SHL Suspension Hooks enable three-phase 56CSC Series Industrial Connectors to be easily converted to pendant outlets.

There are two models available (medium 56SHM and large 56SHL) for connectors; 10 A - 20 A and 32 A - 50 A respectively, both of which are manufactured from quality 316 grade stainless steel for long life and to withstand loads of up to 50 kg.

The stainless steel 56SPOK suspended outlet kit allows two 56C or 56CV Series to be mounted back to back. It is also supplied with 316 grade stainless steel mounting screws.

When not in use, 56P and 56PA Series Plugs can be protected by utilising the 56PC Series Plug Caps. This includes the 56PC, 56PCI and 56PC2 caps. When in position, they protect the pins from damage, dirt, grease, chemicals and water ingress. The caps are simple to fit and fully enclose the plug face to provide IP66. 56 Series Single Phase CSC Extension Sockets and Appliance Connectors can be protected by utilising the 56SC2 Socket Cap.

The 56AM25 + 56AM40 threaded adaptors are suitable for fitments of flexible conduit glands or hose adaptors. To fit, simply remove existing locknut and replace with adaptor module.

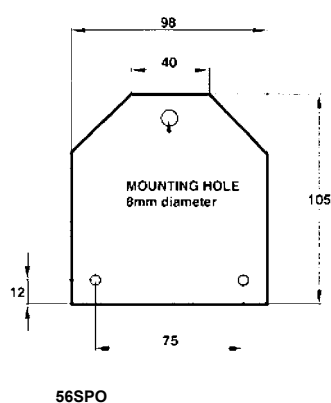
- 56AM25 will suit 10 A to 20 A three-phase plugs
- 56AM40 suit 32 A to 50 A three- phase plugs.



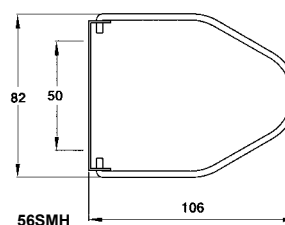
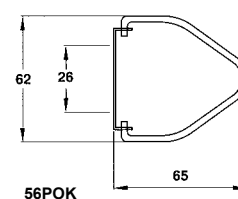
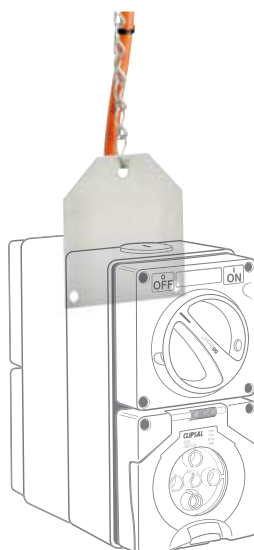
## Acid - Clipsal 56 Series

| Catalogue Number | Description                                      | Compatibility                                     | Colour |
|------------------|--------------------------------------------------|---------------------------------------------------|--------|
| 56PC2-RO         | 56 Series Plug Cap                               | single-phase (but not size 1 plugs)               | Orange |
| 56PCI-TR         | 56 Series Plug Cap                               | 3 Phase 32 A + single-phase round pin             | Clear  |
| 56PC-TR          | 56 Series Plug Cap                               | 3 Phase 10 A - 20 A + 20 A single-phase round pin | Clear  |
| 56SC2-RO         | 56 Series Socket Connector Cap                   | [10A, 15A] 1P Plugs                               | Orange |
| 56SHL            | 56 Series Suspension Hook - Large                | 3 Phase 32 A - 50 A                               | -      |
| 56AM25           | 56 Series Adapter Module - 25 mm                 | 10 A - 20 A Size 1                                | Orange |
| 56AM40           | 56 Series Adapter Module - 40 mm                 | 32 A - 50 A Size 2                                | Orange |
| 56POK            | 56 Series Pendant Outlet Kit - 3 Phase - 10/20 A | 10 A - 20 A Size 1                                | -      |
| 56POKI           | 56 Series Pendant Outlet Kit - 3 Phase - 32/50 A | 32 A - 50A Size 2                                 | -      |

## Dimensions (mm)



56SPOK





## Mounting Enclosure (Back Box) Accessories

Condensation drain, catalogue number 56D, should be used when condensation build up is a problem. The 56D is made from chemically resistant nylon and comes complete with lock nut. Installation of the 56D will de-rate the product to IP54.

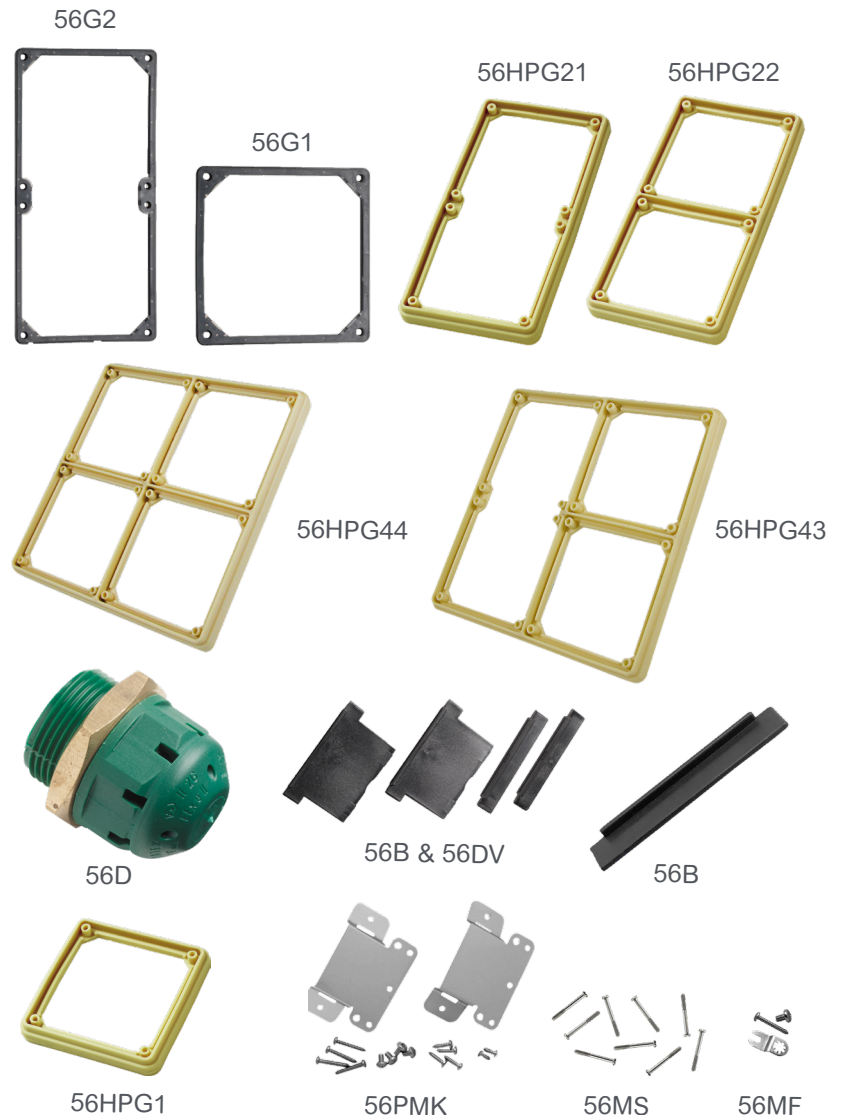
56 Series 1 Gang Gasket Catalogue Number 56G1 - Replacement single gang gasket. Rated IP66.

56 Series 2 Gang Gasket Catalogue Number 56G2 - Replacement double gang gasket.

Catalogue Number 56MF - Mounting feet and stainless steel mounting screws (1¼" x 10 gauge) are provided to space 56 Series accessories off walls used in food industries. The 56MF is designed to be used in conjunction with food industry 280MC Mounting Channels and 280 Series 25 mm Conduit Clips.

Catalogue Number 56PMK - A heavy-duty stainless steel pole mounting kit made of 316 Grade stainless steel. Comes complete with 4¾" and 1¼" size stainless steel mounting screws.

The unique 56 Series High Pressure Gaskets are specifically designed where hygiene is paramount (dairies, abattoirs). These areas are most commonly cleaned using a 75 °C, 1600 psi, 25 l/min, high pressure cleaning gun with chemical cleaner added. The 56 Series High Pressure Gaskets are suited to these environments and are compatible with 56E1, 56E2, and 56E4 enclosures.



### Acid - Clipsal 56 Series

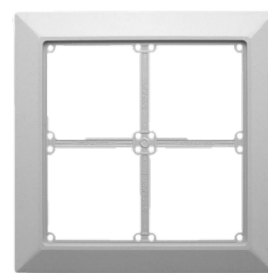
| Catalogue Number | Number of Gangs        | Description                                             | Colour          |
|------------------|------------------------|---------------------------------------------------------|-----------------|
| 56HPG1-CM        | 1                      | 56 Series High Pressure Gasket - 1 Gang                 | Cream           |
| 56HPG2/1-CM      | 2                      | 56 Series High Pressure Gasket - 2 Gang                 | Cream           |
| 56HPG2/2-CM      | 2 x 1 Gang             | 56 Series High Pressure Gasket - 2 x1 Gang              | Cream           |
| 56HPG4/3-CM      | 2 x 1 Gang, 1 x 2 Gang | 56 Series High Pressure Gasket - 2 x1 Gang - 1 x 2 Gang | Cream           |
| 56HPG4/4-CM      | 4 x 1 Gang             | 56 Series High Pressure Gasket - 4 x 1 Gang             | Cream           |
| 56G1             | 1                      | 56 Series Gasket - 1 Gang                               | Black           |
| 56G2             | 2                      | 56 Series Gasket - 2 Gang                               | Black           |
| 56MF             | -                      | 56 Series Mounting Feet                                 | Stainless Steel |
| 56MS             | -                      | 56 Series Cover Screws                                  | Stainless Steel |
| 56PMK            | -                      | 56 Series Pole Mounting Kit                             | Stainless Steel |
| 56D              | -                      | Condensation Drain                                      | Green           |
| 56/4CB           | -                      | 56 series DIN rail assembly                             | -               |
| 56B-BK           | -                      | 56 series enclosure bridge                              | Black           |
| 56DV-BK          | -                      | 57 series enclosure divider                             | Black           |

## Flush Surrounds

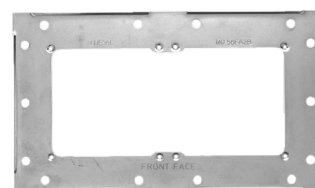
Surface mounted 56 Series Sockets, Switches, and Combinations can be transformed into flush mounting equivalents using the 56FA Surrounds and Brackets. The Surrounds can be used on various types of walls to provide a neat installation, such as:

- a mounting enclosure (back box) in poured concrete.
- a bracket on brick, brick veneer or panel walls.

The brackets provide the installer with a practical method of flush mounting 56 Series accessories. Comprehensive installation instructions are supplied with all units. 56FA1, 56FA2, 56FA3, and 56FA4 Flush Surrounds contain a moulded flange, foam gasket and stainless steel mounting screws. 56FA1B, 56FA2B, 56FA3B, and 56FA4B Flush Surrounds contain a corrosion resistant steel mounting metal bracket.



56FA4-RW flush surround

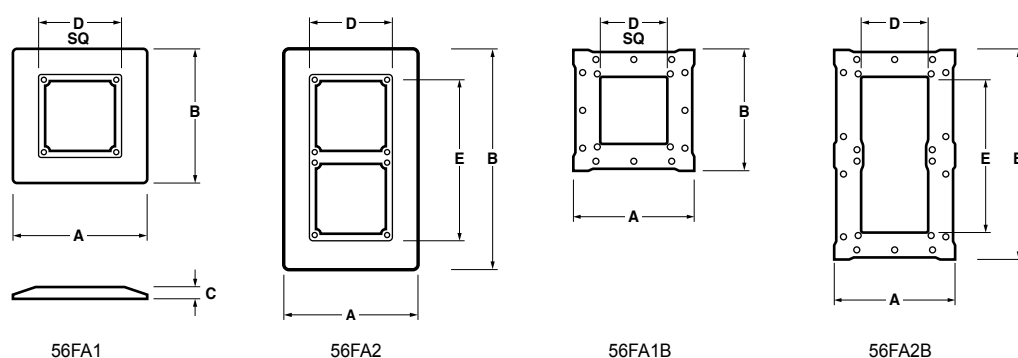


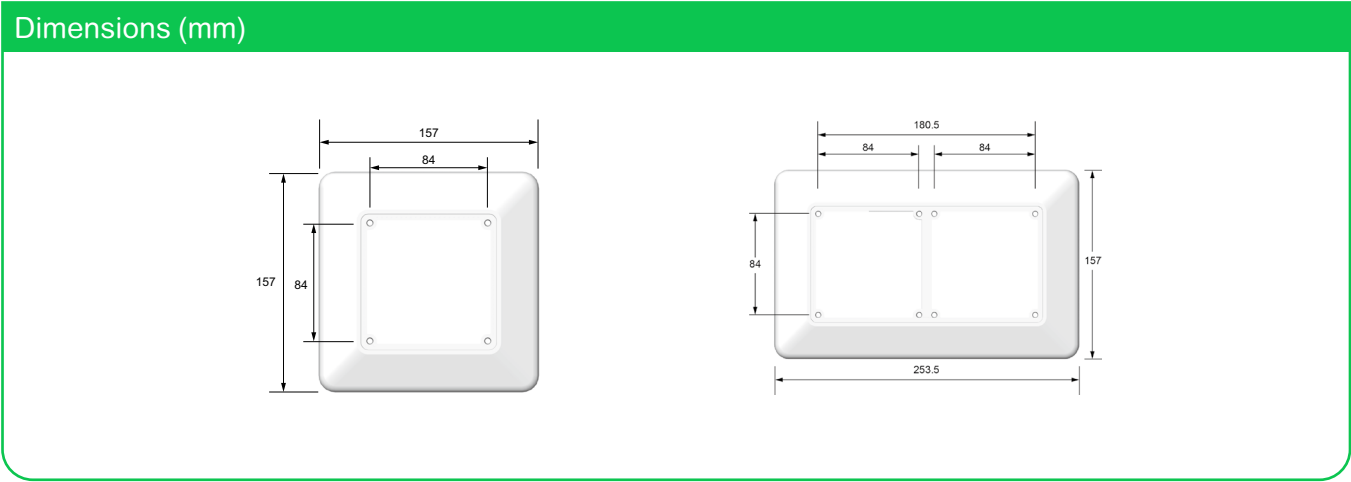
56FA2B bracket

## Acid - Clipsal 56 Series

| Catalogue Number | No. of Gangs | Description                             | O/A Dimensions |     |     |     |     | Colour |
|------------------|--------------|-----------------------------------------|----------------|-----|-----|-----|-----|--------|
|                  |              |                                         | (A)            | (B) | (C) | (D) | (E) |        |
| 56FA1B           | 1            | 56 Series Flush Surround - Base- 1 Gang | 141            | 141 | 0   | 82  | -   | -      |
| 56FA1-RW         | 1            | 56 Series Flush Surround - 1 Gang       | 157            | 157 | 13  | 97  | -   | White  |
| 56FA2B           | 2            | 56 Series Flush Surround - Base- 2 Gang | 141            | 242 | 0   | 82  | 179 | -      |
| 56FA2-RW         | 2            | 56 Series Flush Surround - 2 Gang       | 157            | 254 | 13  | 97  | 194 | White  |
| 56FA3B           | 3            | 56 Series Flush Surround - Base- 3 Gang | 141            | 338 | 0   | 82  | 275 | -      |
| 56FA3-RW         | 3            | 56 Series Flush Surround - 3 Gang       | 157            | 350 | 13  | 97  | 281 | White  |
| 56FA4B           | 4            | 56 Series Flush Surround - Base- 4 Gang | 242            | 242 | 0   | 179 | 179 | -      |
| 56FA4-RW         | 4            | 56 Series Flush Surround - 4 Gang       | 254            | 254 | 13  | 184 | 184 | White  |

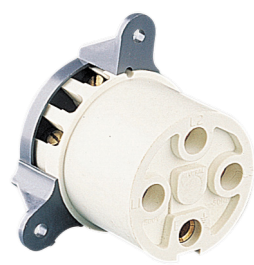
## Dimensions (mm)





Surface Socket Spare Parts

A range of replacement internal socket housings are available for 3 phase 56SO models. No need to replace an entire unit if only the internal socket housing is damaged. Socket terminal housings are moulded in durable polyester.



Acid - Clipsal 56 Series

| Catalogue Number | I <sub>the</sub> (Amp) | Ui/Ue (Volt) | Type of socket | Cond. Term Size in mm <sup>2</sup> |
|------------------|------------------------|--------------|----------------|------------------------------------|
|                  |                        |              |                | Min/Max /Cond.                     |
| 56SO320G         | 20                     | 250          | 1P + N + E     | [2.5,6]                            |
| 56SO332G         | 32                     | 250          | 1P + N + E     | [6,16]                             |
| 56SO520G         | 20                     | 500          | 3P + N + E     | [2.5,6]                            |
| 56SO720G         | 20                     | 500          | 3P + N + E     | [2.5,6/2.5]                        |
| 66SO563G         | 63                     | 500          | 3P + N + E     | [6,25]                             |

Portable RCD Spare Parts



Acid - SE 56 Series

| Catalogue Number | Description                                    | Colour |
|------------------|------------------------------------------------|--------|
| 56HANDLE-BK      | 56 Series Handle for Portable RCD combinations | Black  |





# Alkaline



The Alkaline range of Clipsal Industrial products are suited for environments that are Chemically Alkaline, dusty or clean, wet or dry, outdoors (non-UV resistant).

Some typical applications include: abattoirs, boning rooms, seafood processing, poultry, chip fryers and other areas where caustic foaming cleaners or cooking oils are used.

If Clipsal Industrial products are part of the 'alkaline' range, they will easily be identified by a purple circle with Alkaline text and /or by a purple circle with a white test tube symbol as shown below.



AND / OR



The Alkaline range encompasses 56 Series Chemical Grey (CG) & WW products & the 56 Series Resistant Orange (RO) & Electric Orange Plugs (EO). The following section showcases these products in more detail.

## Combination Switched Socket Outlets

The 56 Series range of combination switched socket outlets includes two module units and one-piece cover models. All internal phase connections between switches and sockets are factory wired.

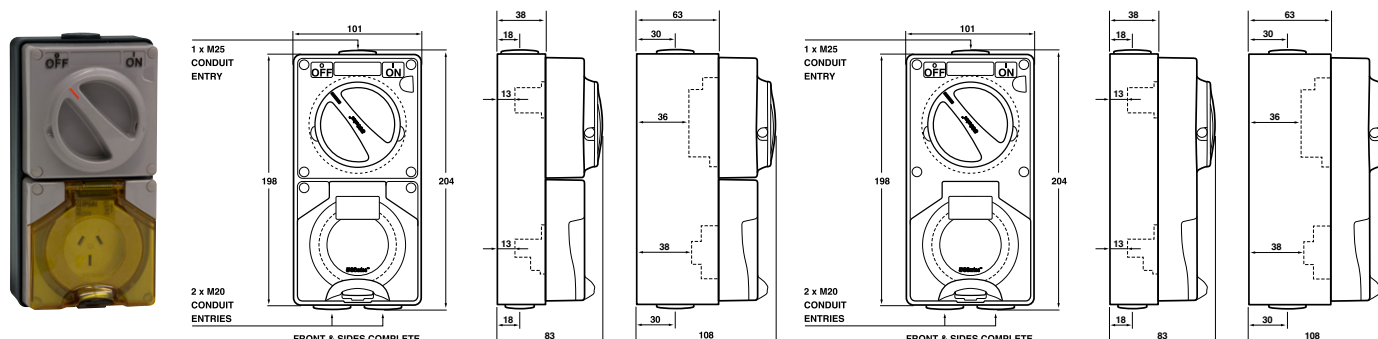
The 4 and 5 pin, 10 and 20 A one-piece cover models have integral wiring between the switch and socket outlet. 56 Series Combination Switched Socket Outlets feature a clear flap with a snap catch latch. The current IP66 retention ring plugs can be accommodated. 250 V, 110 V and extra low voltage two module combinations are also available. Versions with key operated switches available to special order.

Less Enclosure versions are indicated with letters LE in the reference.

Internal interlock facility available on three phase, one piece cover combinations, these have the prefix 56CVI.

## 2 Piece Cover

### 56 Series



### Alkaline - Clipsal 56 Series

| Catalogue Number             | No. of Switch Poles | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Ie (A) Utilisation Category |    |    | M Rating | Type of Socket | Cond. Term Size in mm | O/A Dims. |     |     | Matching Plug | Socket Config |
|------------------------------|---------------------|------------------------|----------------|-----------------------------|----|----|----------|----------------|-----------------------|-----------|-----|-----|---------------|---------------|
|                              |                     |                        |                |                             |    |    |          |                | Min.Max/ Cond.        | (H)       | (W) | (D) |               |               |
| Chemical Resistant Grey (CG) |                     |                        |                |                             |    |    |          |                |                       |           |     |     |               |               |
| 56C310-CG                    | 1 Pole              | 10                     | 250            | 10                          | 8  | 8  | M80      | 1P + N + E     | [1.5,6]               | 204       | 101 | 83  | 56P310        | A             |
| 56C310HD-CG                  | 1 Pole              | 10                     | 250            | 10                          | 10 | 11 | M100     | 1P + N + E     | [1.5,16]              | 204       | 101 | 108 | 56P310        | A             |
| 56C310L-CG                   | 1 Pole              | 10                     | 250            | 10                          | 8  | 8  | M80      | 1P + N + E     | [1.5,6]               | 204       | 101 | 83  | 56P310SL      | C             |
| 56C310LE-CG                  | 1 Pole              | 10                     | 250            | 10                          | 8  | 8  | M80      | 1P + N + E     | [1.5,6]               | 204       | 101 | 70  | 56P310        | A             |
| 56C315-CG                    | 1 Pole              | 15                     | 250            | 15                          | 10 | 8  | M80      | 1P + N + E     | [1.5,6]               | 204       | 101 | 83  | 56P315        | B             |
| 56C320-CG                    | 1 Pole              | 20                     | 250            | 20                          | 20 | 21 | M150     | 1P + N + E     | [2.5,6]               | 204       | 101 | 108 | 56P320        | H             |
| 56C332-CG                    | 1 Pole              | 32                     | 250            | 32                          | 32 | 28 | M180     | 1P + N + E     | [6,16]                | 204       | 101 | 108 | 56P332        | I             |
| 56C410-CG                    | 3 Pole              | 10                     | 500            | 10                          | 10 | 11 | M100     | 3P + E         | [1.5,6]               | 204       | 101 | 108 | 56P410        | K             |
| 56C416K-CG                   | 3 Pole              | 16                     | 500            | 16                          | 16 | 15 | M120     | 3P + E         | [1.5,6]               | 204       | 101 | 108 | 56P416K       | M             |
| 56C420-CG                    | 3 Pole              | 20                     | 500            | 20                          | 20 | 21 | M150     | 3P + E         | [2.5,6]               | 204       | 101 | 108 | 56P420        | L             |
| 56C432-CG                    | 3 Pole              | 32                     | 500            | 32                          | 32 | 28 | M180     | 3P + E         | [6,16]                | 204       | 101 | 108 | 56P432        | N             |
| 56C510-CG                    | 3 Pole              | 10                     | 500            | 10                          | 10 | 11 | M100     | 3P + N + E     | [1.5,6]               | 204       | 101 | 108 | 56P510        | Q             |
| 56C520-CG                    | 3 Pole              | 20                     | 500            | 20                          | 20 | 21 | M150     | 3P + N + E     | [2.5,6]               | 204       | 101 | 108 | 56P520        | R             |
| 56C532-CG                    | 3 Pole              | 32                     | 500            | 32                          | 32 | 28 | M180     | 3P + N + E     | [4,16]                | 204       | 101 | 108 | 56P532        | S             |
| 56C550-CG                    | 3 Pole              | 50                     | 500            | 50                          | 50 | 35 | M250     | 3P + N + E     | [10,16]               | 204       | 101 | 108 | 56P550        | U             |
| 56C720-CG                    | 3 Pole              | 20                     | 500            | 20                          | 20 | 21 | M150     | 3P + N + E     | [1.5,6/2.5]           | 204       | 101 | 108 | 56P720        | X             |
| Dark Grey (WW)               |                     |                        |                |                             |    |    |          |                |                       |           |     |     |               |               |
| 56C310-WW                    | 1 Pole              | 10                     | 250            | 10                          | 8  | 8  | M80      | 1P + N + E     | [1.5,6]               | 204       | 101 | 83  | 56P310        | A             |
| 56C315-WW                    | 1 Pole              | 15                     | 250            | 15                          | 10 | 8  | M80      | 1P + N + E     | [1.5,6]               | 204       | 101 | 83  | 56P315        | B             |
| 56C332-WW                    | 1 Pole              | 32                     | 250            | 32                          | 32 | 28 | M180     | 1P + N + E     | [6,16]                | 204       | 101 | 108 | 56P332        | I             |
| 56C510-WW                    | 3 Pole              | 10                     | 500            | 10                          | 10 | 11 | M100     | 3P + N + E     | [1.5,6]               | 204       | 101 | 108 | 56P510        | Q             |
| 56C520-WW                    | 3 Pole              | 20                     | 500            | 20                          | 20 | 21 | M150     | 3P + N + E     | [2.5,6]               | 204       | 101 | 108 | 56P520        | R             |
| 56C532LE-WW                  | 3 Pole              | 32                     | 500            | 32                          | 32 | 28 | M180     | 3P + N + E     | [4,16]                | 204       | 101 | 72  | 56P532        | S             |
| 56C532-WW                    | 3 Pole              | 32                     | 500            | 32                          | 32 | 28 | M180     | 3P + N + E     | [4,16]                | 204       | 101 | 108 | 56P532        | S             |
| 56C550LE-WW                  | 3 Pole              | 50                     | 500            | 50                          | 50 | 35 | M250     | 3P + N + E     | [10,16]               | 204       | 101 | 72  | 56P550        | U             |
| 56C550-WW                    | 3 Pole              | 50                     | 500            | 50                          | 50 | 35 | M250     | 3P + N + E     | [10,16]               | 204       | 101 | 108 | 56P550        | U             |



## Surface Socket Outlets

Surface Socket Outlets range in size from 32 V, 10 A to 500 V, 50 A. All sockets feature hoseproof and dust resistant flaps with automatic snap catch latches. The transparent flap enables instant visual inspection of socket condition and pin configuration.

The full range of sockets accommodates the current IP66 retention ring plugs in order to rationalise the number of variations required. Earth and neutral connectors accommodating 3 x 6 mm<sup>2</sup> cable are supplied with all 500 V models. Terminal housings are moulded in tough polyester to minimise damage.

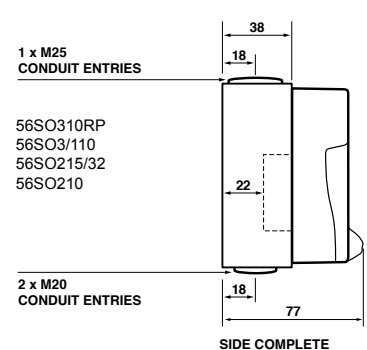
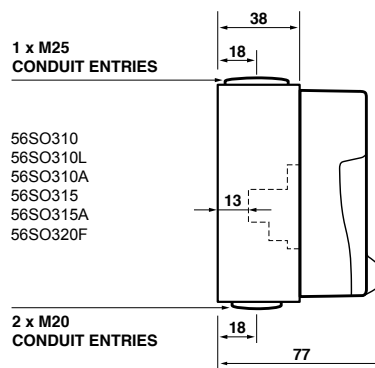
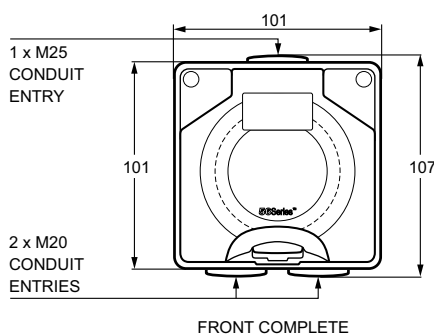
Less Enclosure versions are indicated with letters LE in the reference.



### Alkaline - Clipsal 56 Series

| Catalogue Number | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Type of Socket | Cond. Term Size in mm | O/A Dims. |     |     | Colour        | Matching Plug | Socket Config |
|------------------|------------------------|----------------|----------------|-----------------------|-----------|-----|-----|---------------|---------------|---------------|
|                  |                        |                |                | Min.Max/Cond.         | (H)       | (W) | (D) |               |               |               |
| 56SO210-CG       | 10                     | 110            | 1P + N         | [1,5,6]               | 107       | 101 | 77  | Chemical Grey | 56P210        | D             |
| 56SO310-CG       | 10                     | 250            | 1P + N + E     | [1,5,6]               | 107       | 101 | 77  | Chemical Grey | 56P310        | A             |
| 56SO310-WW       | 10                     | 250            | 1P + N + E     | [1,5,6]               | 107       | 101 | 77  | Dark Grey     | 56P310        | A             |
| 56SO310L-CG      | 10                     | 250            | 1P + N + E     | [1,5,6]               | 107       | 101 | 77  | Chemical Grey | 56P310L       | C             |
| 56SO310L-WW      | 10                     | 250            | 1P + N + E     | [1,5,6]               | 107       | 101 | 77  | Dark Grey     | 56P310L       | C             |
| 56SO310LE-CG     | 10                     | 250            | 1P + N + E     | [1,5,6]               | 107       | 101 | 64  | Chemical Grey | 56P310        | A             |
| 56SO315LE-CG     | 15                     | 250            | 1P + N + E     | [2,5,6]               | 107       | 101 | 64  | Chemical Grey | 56P315        | B             |
| 56SO320-CG       | 20                     | 250            | 1P + N + E     | [2,5,6]               | 107       | 101 | 102 | Chemical Grey | 56P320        | H             |
| 56SO320FLE-CG    | 20                     | 250            | 1P + N + E     | [2,5,6]               | 107       | 101 | 64  | Chemical Grey | 56P320F       | F             |
| 56SO410-CG       | 10                     | 500            | 3P + E         | [1,5,6]               | 107       | 101 | 102 | Chemical Grey | 56P410        | K             |
| 56SO420-CG       | 20                     | 500            | 3P + E         | [2,5,6]               | 107       | 101 | 102 | Chemical Grey | 56P420        | L             |
| 56SO432-CG       | 32                     | 500            | 3P + E         | [4,16]                | 107       | 101 | 102 | Chemical Grey | 56P432        | U             |
| 56SO510-CG       | 10                     | 500            | 3P + N + E     | [1,5,6]               | 107       | 101 | 102 | Chemical Grey | 56P510        | Q             |
| 56SO510LE-CG     | 10                     | 500            | 3P + N + E     | [1,5,6]               | 107       | 101 | 71  | Chemical Grey | 56P510        | Q             |
| 56SO520-CG       | 20                     | 500            | 3P + N + E     | [2,5,6]               | 107       | 101 | 102 | Chemical Grey | 56P520        | R             |
| 56SO520LE-CG     | 20                     | 500            | 3P + N + E     | [2,5,6]               | 107       | 101 | 71  | Chemical Grey | 56P520        | R             |
| 56SO532-CG       | 32                     | 500            | 3P + N + E     | [4,16]                | 107       | 101 | 102 | Chemical Grey | 56P532        | S             |
| 56SO532LE-CG     | 32                     | 500            | 3P + N + E     | [4,16]                | 107       | 101 | 74  | Chemical Grey | 56P532        | S             |
| 56SO550-CG       | 50                     | 500            | 3P + N + E     | [10,16]               | 107       | 101 | 102 | Chemical Grey | 56P550        | U             |
| 56SO550-WW       | 50                     | 500            | 3P + N + E     | [10,16]               | 107       | 101 | 102 | Dark Grey     | 56P550        | U             |

### Dimensions (mm)



# Switches

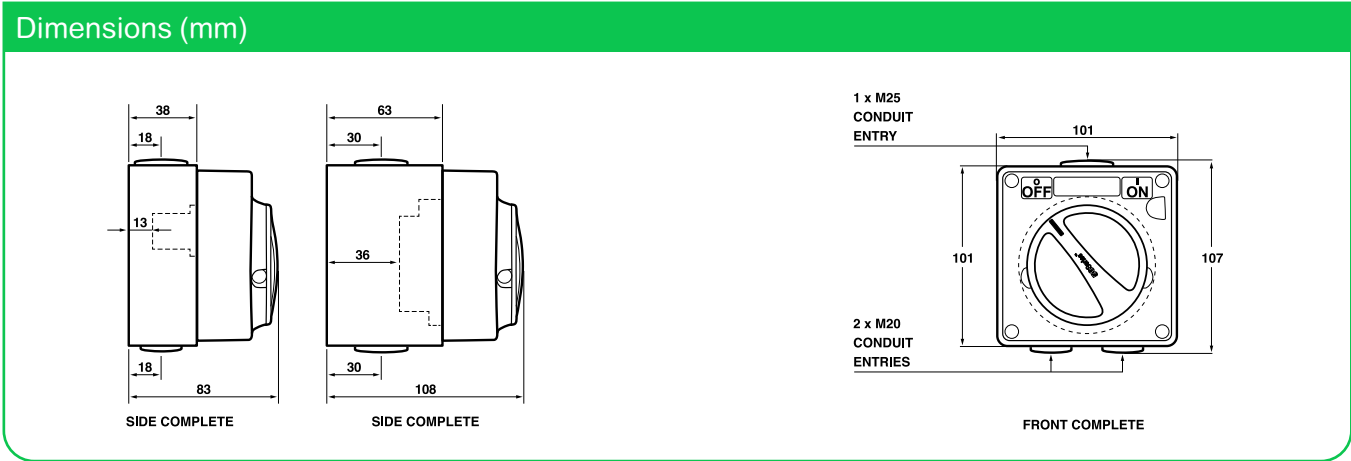
## Surface Switches

The 56 Series Surface Switches are available from 250 V, 10 A to 500 V, 63 A. They incorporate a positive, rotary switch action. 'ON' and 'OFF' positions are clearly marked and there is provision for two padlocks. Hole diameter is 8 mm. If locking is required in the 'ON' position, simply drill a hole where necessary. To provide easier wiring of our 56 Series Three Pole 63 A Switch, a deeper two gang enclosure and centrally mounted option (Cat. No. 56SW363/2), allows additional room for wiring associated with this application. Earth and neutral connectors accommodating 3 x 6 mm<sup>2</sup> cables are supplied with all products above 20 A. All 63 A switches come with the facility to fit auxiliary micro switch 56SWAUX15.



Note: AC utilisation categories to AS/NZS3947.3 I<sub>the</sub> - Conventional Enclosed Thermal Current I<sub>e</sub> - Operational Current U<sub>i</sub> - Insulation Voltage U<sub>e</sub> - Operational Voltage. For Fluorescent Loads use 56SW110HD or 56SW115HD instead of 56SW110 or 56SW115 Less Enclosure versions contain the letters LE in the reference

| Alkaline - Clipsal 56 Series |                     |                        |                |                             |       |       |          |                       |           |     |     |               |
|------------------------------|---------------------|------------------------|----------------|-----------------------------|-------|-------|----------|-----------------------|-----------|-----|-----|---------------|
| Catalogue Number             | No. of Switch Poles | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Ie (A) Utilisation Category |       |       | M Rating | Cond. Term Size in mm | O/A Dims. |     |     | Colour        |
|                              |                     |                        |                | AC21A                       | AC22A | AC23A |          | Min.Max/Cond.         | (H)       | (W) | (D) |               |
| Chemical Resistant Grey (CG) |                     |                        |                |                             |       |       |          |                       |           |     |     |               |
| 56SW110/I-CG                 | 1P                  | 10                     | 250            | 10                          | 8     | 8     | M80      | [1,5,6]               | 107       | 101 | 83  | Chemical Grey |
| 56SW110/2-CG                 | 1P                  | 10                     | 250            | 10                          | 8     | 8     | M80      | [1,5,6]               | 107       | 101 | 83  | Chemical Grey |
| 56SW110-CG                   | 1P                  | 10                     | 250            | 10                          | 8     | 8     | M80      | [1,5,6]               | 107       | 101 | 83  | Chemical Grey |
| 56SW110LE-CG                 | 1P                  | 10                     | 250            | 10                          | 8     | 8     | M80      | [1,5,6]               | 107       | 101 | 70  | Chemical Grey |
| 56SW110HD-CG                 | 1P                  | 10                     | 250            | 10                          | 10    | 10    | M100     | [6,16]                | 107       | 101 | 108 | Chemical Grey |
| 56SW115/2-CG                 | 1P                  | 15                     | 250            | 15                          | 8     | 8     | M80      | [1,5,6]               | 107       | 101 | 83  | Chemical Grey |
| 56SW115/2LE-CG               | 1P                  | 15                     | 250            | 15                          | 8     | 8     | M80      | [1,5,6]               | 107       | 101 | 70  | Chemical Grey |
| 56SW115-CG                   | 1P                  | 15                     | 250            | 15                          | 8     | 8     | M80      | [1,5,6]               | 107       | 101 | 83  | Chemical Grey |
| 56SW115LE-CG                 | 1P                  | 15                     | 250            | 15                          | 8     | 8     | M80      | [1,5,6]               | 107       | 101 | 70  | Chemical Grey |
| 56SW120-CG                   | 1P                  | 20                     | 250            | 20                          | 20    | 20    | M150     | [2,5,16]              | 107       | 101 | 108 | Chemical Grey |
| 56SW120LE-CG                 | 1P                  | 20                     | 250            | 20                          | 20    | 20    | M150     | [2,5,16]              | 107       | 101 | 72  | Chemical Grey |
| 56SW132-CG                   | 1P                  | 32                     | 250            | 32                          | 32    | 28    | M180     | [4,16]                | 107       | 101 | 108 | Chemical Grey |
| 56SW310-CG                   | 3P                  | 10                     | 500            | 10                          | 10    | 10    | M100     | [1,5,16]              | 107       | 101 | 108 | Chemical Grey |
| 56SW310LE-CG                 | 3P                  | 10                     | 500            | 10                          | 10    | 10    | M100     | [1,5,16]              | 107       | 101 | 72  | Chemical Grey |
| 56SW320CX-CG                 | 3P                  | 20                     | 500            | 20                          | 20    | 20    | M150     | [2,5,16]              | 107       | 101 | 108 | Chemical Grey |
| 56SW320CXLE-CG               | 3P                  | 20                     | 500            | 20                          | 20    | 20    | M150     | [2,5,16]              | 107       | 101 | 72  | Chemical Grey |
| 56SW320-CG                   | 3P                  | 20                     | 500            | 20                          | 20    | 20    | M150     | [2,5,16]              | 107       | 101 | 108 | Chemical Grey |
| 56SW320LE-CG                 | 3P                  | 20                     | 500            | 20                          | 20    | 20    | M150     | [2,5,16]              | 107       | 101 | 72  | Chemical Grey |
| 56SW332-CG                   | 3P                  | 32                     | 500            | 32                          | 32    | 28    | M180     | [4,16]                | 107       | 101 | 108 | Chemical Grey |
| 56SW332LE-CG                 | 3P                  | 32                     | 500            | 32                          | 32    | 28    | M180     | [4,16]                | 107       | 101 | 72  | Chemical Grey |
| 56SW350-CG                   | 3P                  | 50                     | 500            | 50                          | 50    | 25    | M250     | [10,25]               | 107       | 101 | 108 | Chemical Grey |
| 56SW363/2-CG                 | 3P                  | 63                     | 500            | 63                          | 63    | 25    | M300     | [16,25]               | 204       | 101 | 108 | Chemical Grey |
| 56SW363-CG                   | 3P                  | 63                     | 500            | 63                          | 63    | 25    | M300     | [16,25]               | 107       | 101 | 108 | Chemical Grey |
| 56SW420-CG                   | 4P                  | 20                     | 500            | 20                          | 20    | 20    | M150     | [2,5,6]               | 107       | 101 | 108 | Chemical Grey |
| 56SW420LE-CG                 | 4P                  | 20                     | 500            | 20                          | 20    | 20    | M150     | [2,5,6]               | 107       | 101 | 72  | Chemical Grey |
| Dark Grey (CG)               |                     |                        |                |                             |       |       |          |                       |           |     |     |               |
| 56SW110-WW                   | 1P                  | 10                     | 250            | 10                          | 8     | 8     | M80      | [1,5,6]               | 107       | 101 | 83  | Dark Grey     |
| 56SW110LE-WW                 | 1P                  | 10                     | 250            | 10                          | 8     | 8     | M80      | [1,5,6]               | 107       | 101 | 70  | Dark Grey     |
| 56SW115-WW                   | 1P                  | 15                     | 250            | 15                          | 8     | 8     | M80      | [1,5,6]               | 107       | 101 | 83  | Dark Grey     |
| 56SW120-WW                   | 1P                  | 20                     | 250            | 20                          | 20    | 20    | M150     | [2,5,16]              | 107       | 101 | 108 | Dark Grey     |
| 56SW132-WW                   | 1P                  | 32                     | 250            | 32                          | 32    | 28    | M180     | [4,16]                | 107       | 101 | 108 | Dark Grey     |
| 56SW320-WW                   | 3P                  | 20                     | 500            | 20                          | 20    | 20    | M150     | [2,5,16]              | 107       | 101 | 108 | Dark Grey     |
| 56SW332-WW                   | 3P                  | 32                     | 500            | 32                          | 32    | 28    | M180     | [4,16]                | 107       | 101 | 108 | Dark Grey     |
| 56SW363-WW                   | 3P                  | 63                     | 500            | 63                          | 63    | 25    | M300     | [16,25]               | 107       | 101 | 108 | Dark Grey     |

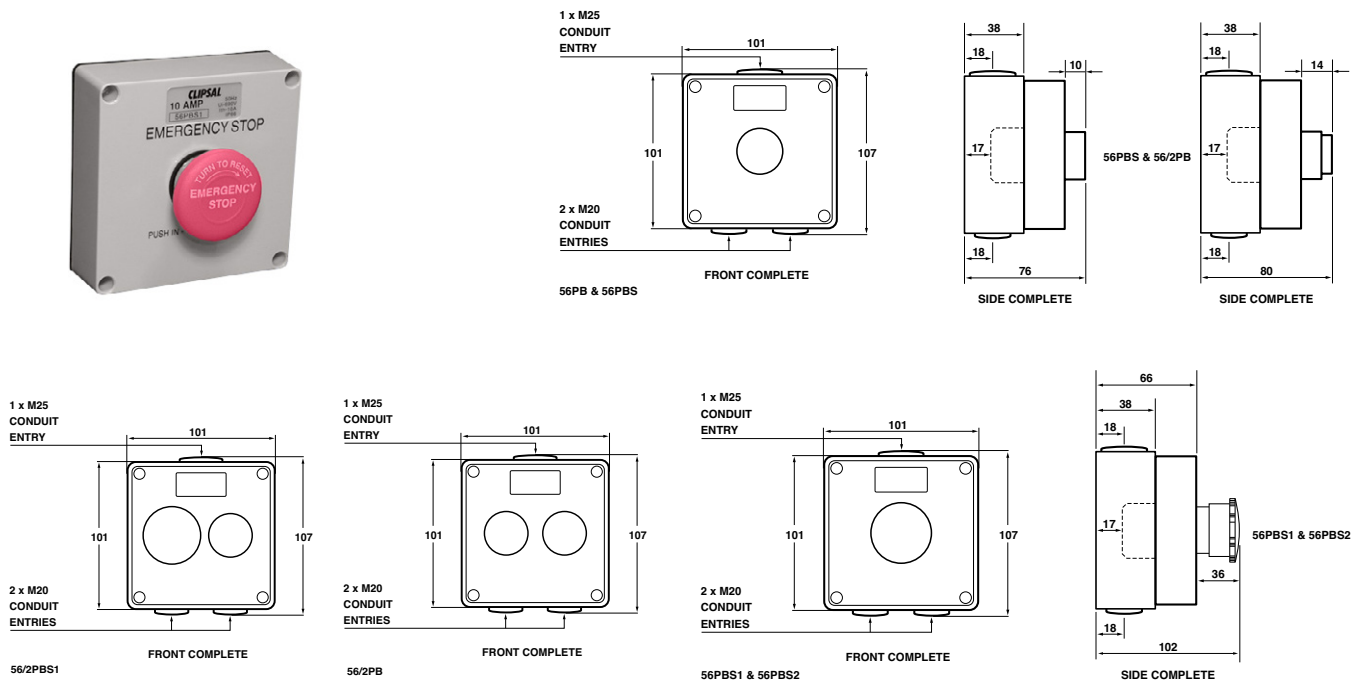


Push Button Control Stations

This rugged range consists of five different combinations of stop start control stations. The stations are ideal in wet, dusty, or dirty conditions for controlling motor starters on pumps, saws, compressors, lathes, processors, and processing lines.

- 56PBS1 - Emergency stop station. This station has a red mushroom head push button with twist reset.
- 56PBS2 - Stop station. This station has a red mushroom head push button with twist reset. (Labelled stop only).

| Alkaline - Clipsal 56 Series |                       |                        |                |        |                      |       |       |          |                       |           |     |     |               |
|------------------------------|-----------------------|------------------------|----------------|--------|----------------------|-------|-------|----------|-----------------------|-----------|-----|-----|---------------|
| Catalogue Number             | No. of Switched Poles | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Ie (A) | Utilisation Category |       |       | M Rating | Cond. Term Size in mm | O/A Dims. |     |     | Colour        |
|                              |                       |                        |                |        | AC21A                | AC22A | AC23A |          | Min.Max/Cond.         | (H)       | (W) | (D) |               |
| 56PBS1-CG                    | 1P                    | 0                      | 500            | 0      | 0                    | 0     | 0     | 0        | [1,4]                 | 107       | 101 | 102 | Chemical Grey |
| 56PBS2-CG                    | 1P                    | 0                      | 500            | 0      | 0                    | 0     | 0     | 0        | [1,4]                 | 107       | 101 | 102 | Chemical Grey |



## Plugs

The 56 Series range of plugs and connectors has a proud history for being the toughest and most trusted industrial switchgear on the market.

Built tough to last, the plastics used to manufacture the 56 Series range are of industrial grade resins with high impact strength, UV protection, and chemical resistance.

Pin configurations for plugs, sockets, and switched socket outlets comply with three-phase AS/NZS3123, single-phase AS/NZS3112.

The introduction of transparent materials to the Electric Orange and Grey range enables the inspection and checking of the component's pin/socket configuration and wiring at a glance, while still providing protection against the elements.



Single Phase 250V plug



56P series (straight plug) in Electric Orange



56PA series (angled plug) in Resistant Orange

### Single-Phase Plugs

| Alkaline - Clipsal 56 Series |               |               |                 |                                    |                    |        |                   |                  |
|------------------------------|---------------|---------------|-----------------|------------------------------------|--------------------|--------|-------------------|------------------|
| Catalogue Number             | Rated Current | Rated Voltage | Pin Description | Conductor Terminal mm <sup>2</sup> | Cable Nominal Dia. | Colour | Pin Configuration | Gland Nut Thread |
|                              | (A)           | (V)           |                 | Min/Max                            | Min/Max            |        |                   |                  |
| <b>Electric Orange (EO)</b>  |               |               |                 |                                    |                    |        |                   |                  |
| 56P210-EO                    | 10            | 250           | 1P + N          | [0.75,1]                           | [7,10]             | Orange | D                 | M20              |
| 56P215/32-EO                 | 15            | 32            | Polarised       | [1.5,1.5]                          | [7,10]             | Orange | E                 | M20              |
| 56P3/110-EO                  | 10            | 110           | 1P + N + E      | [0.75,1]                           | [7,10]             | Orange | H                 | M20              |
| 56P310-EO                    | 10            | 250           | 1P + N + E      | [0.75,1]                           | [7,10]             | Orange | A                 | M20              |
| 56P310RP-EO                  | 10            | 250           | 1P + N + E      | [0.75,1]                           | [7,10]             | Orange | G                 | M20              |
| 56P310SL-EO                  | 10            | 250           | 1P + N + E      | [0.75,1]                           | [7,10]             | Orange | F                 | M20              |
| 56P313-EO                    | 13            | 250           | 1P + N + E      | [0.75,1]                           | [7,10]             | Orange | BS                | M20              |
| 56P315-EO                    | 15            | 250           | 1P + N + E      | [1.5,1.5]                          | [7,10]             | Orange | B                 | M20              |
| 56P320-EO                    | 20            | 250           | 1P + N + E      | [1,6]                              | [7,16]             | Orange | Q                 | 56AM25           |
| 56P320F-EO                   | 20            | 250           | 1P + N + E      | [1,6]                              | [10,17.5]          | Orange | C                 | M20              |
| 56P332-EO                    | 32            | 250           | 1P + N + E      | [2.5,25]                           | [9,29]             | Orange | I                 | 56AM40           |
| 56PA320-EO                   | 20            | 250           | 1P + N + E      | [1,6]                              | [7,16]             | Orange | Q                 | 56AM25           |
| 56PA332-EO                   | 32            | 250           | 1P + N + E      | [2.5,25]                           | [9,29]             | Orange | I                 | 56AM40           |
| <b>Resistant Orange (RO)</b> |               |               |                 |                                    |                    |        |                   |                  |
| 56P210-RO                    | 10            | 250           | 1P + N          | [0.75,1]                           | [7,10]             | Orange | D                 | M20              |
| 56P215/32-RO                 | 15            | 32            | Polarised       | [1.5,1.5]                          | [7,10]             | Orange | E                 | M20              |
| 56P310-RO                    | 10            | 250           | 1P + N + E      | [0.75,1]                           | [7,10]             | Orange | A                 | M20              |
| 56P310RP-RO                  | 10            | 250           | 1P + N + E      | [0.75,1]                           | [7,10]             | Orange | G                 | M20              |
| 56P310SL-RO                  | 10            | 250           | 1P + N + E      | [0.75,1]                           | [7,10]             | Orange | F                 | M20              |
| 56P315-RO                    | 15            | 250           | 1P + N + E      | [1.5,1.5]                          | [7,10]             | Orange | B                 | M20              |
| 56P320-RO                    | 20            | 250           | 1P + N + E      | [1,6]                              | [7,16]             | Orange | Q                 | 56AM25           |
| 56P320F-RO                   | 20            | 250           | 1P + N + E      | [1,6]                              | [10,17.5]          | Orange | C                 | M20              |
| 56PA320-RO                   | 20            | 250           | 1P + N + E      | [1,6]                              | [7,16]             | Orange | Q                 | 56AM25           |
| 56PA332-RO                   | 32            | 250           | 1P + N + E      | [2.5,25]                           | [9,29]             | Orange | I                 | 56AM40           |

## Three phase 10 A - 20 A Plugs (Size 1)

| Alkaline - Clipsal 56 Series - Straight Plugs |               |               |                 |                                    |                    |        |                   |                  |
|-----------------------------------------------|---------------|---------------|-----------------|------------------------------------|--------------------|--------|-------------------|------------------|
| Catalogue Number                              | Rated Current | Rated Voltage | Pin Description | Conductor Terminal mm <sup>2</sup> | Cable Nominal Dia. | Colour | Pin Configuration | Gland Nut Thread |
|                                               | (A)           | (V)           |                 | Min/Max                            | Min/Max            |        |                   |                  |
| 56P410-EO                                     | 10            | 500           | 3P + E          | [1,6]                              | [7,16]             | Orange | P                 | 56AM25           |
| 56P416K-EO                                    | 16            | 500           | 3P + E          | [1,6]                              | [7,16]             | Orange | S                 | 56AM25           |
| 56P420-EO                                     | 20            | 500           | 3P + E          | [1,6]                              | [7,16]             | Orange | R                 | 56AM25           |
| 56P510-EO                                     | 10            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | T                 | 56AM25           |
| 56P520-EO                                     | 20            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | U                 | 56AM25           |
| 56P610-EO                                     | 10            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | V                 | 56AM25           |
| 56P710-EO                                     | 10            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | W                 | 56AM25           |
| 56P720-EO                                     | 20            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | X                 | 56AM25           |
| 56P410-RO                                     | 10            | 500           | 3P + E          | [1,6]                              | [7,16]             | Orange | P                 | 56AM25           |
| 56P416K-RO                                    | 16            | 500           | 3P + E          | [1,6]                              | [7,16]             | Orange | S                 | 56AM25           |
| 56P420-RO                                     | 20            | 500           | 3P + E          | [1,6]                              | [7,16]             | Orange | R                 | 56AM25           |
| 56P510-RO                                     | 10            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | T                 | 56AM25           |
| 56P520-RO                                     | 20            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | U                 | 56AM25           |
| 56P710-RO                                     | 10            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | W                 | 56AM25           |
| 56P720-RO                                     | 20            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | X                 | 56AM25           |

| Alkaline - Clipsal 56 Series - Angled Plugs |               |               |                 |                                    |                    |        |                   |                  |
|---------------------------------------------|---------------|---------------|-----------------|------------------------------------|--------------------|--------|-------------------|------------------|
| Catalogue Number                            | Rated Current | Rated Voltage | Pin Description | Conductor Terminal mm <sup>2</sup> | Cable Nominal Dia. | Colour | Pin Configuration | Gland Nut Thread |
|                                             | (A)           | (V)           |                 | Min/Max                            | Min/Max            |        |                   |                  |
| 56PA410-EO                                  | 10            | 500           | 3P + E          | [1,6]                              | [7,16]             | Orange | P                 | 56AM25           |
| 56PA416K-EO                                 | 16            | 500           | 3P + E          | [1,6]                              | [7,16]             | Orange | S                 | 56AM25           |
| 56PA420-EO                                  | 20            | 500           | 3P + E          | [1,6]                              | [7,16]             | Orange | R                 | 56AM25           |
| 56PA510-EO                                  | 10            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | T                 | 56AM25           |
| 56PA520-EO                                  | 20            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | U                 | 56AM25           |
| 56PA610-EO                                  | 10            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | V                 | 56AM25           |
| 56PA710-EO                                  | 10            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | W                 | 56AM25           |
| 56PA720-EO                                  | 20            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | X                 | 56AM25           |
| 56PA410-RO                                  | 10            | 500           | 3P + E          | [1,6]                              | [7,16]             | Orange | P                 | 56AM25           |
| 56PA416K-RO                                 | 16            | 500           | 3P + E          | [1,6]                              | [7,16]             | Orange | S                 | 56AM25           |
| 56PA420-RO                                  | 20            | 500           | 3P + E          | [1,6]                              | [7,16]             | Orange | R                 | 56AM25           |
| 56PA510-RO                                  | 10            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | T                 | 56AM25           |
| 56PA520-RO                                  | 20            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | U                 | 56AM25           |
| 56PA710-RO                                  | 10            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | W                 | 56AM25           |
| 56PA720-RO                                  | 20            | 500           | 3P + N + E      | [1,6]                              | [7,16]             | Orange | X                 | 56AM25           |

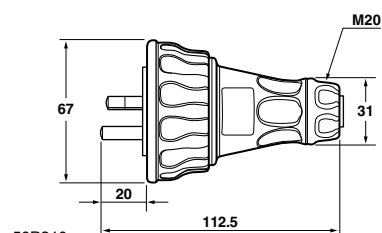
## Three Phase 32 A - 50 A Plugs (Size 2)

## Alkaline - Clipsal 56 Series

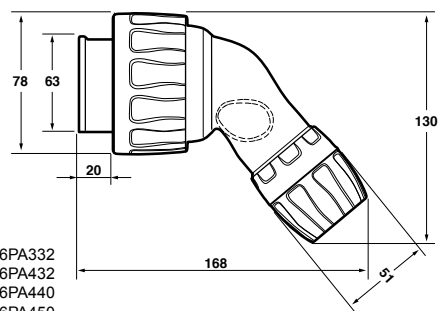
| Catalogue Number             | Rated Current | Rated Voltage | Pin Description | Conductor Terminal mm <sup>2</sup> | Cable Nominal Dia. | Colour | Pin Configuration | Gland Nut Thread |
|------------------------------|---------------|---------------|-----------------|------------------------------------|--------------------|--------|-------------------|------------------|
|                              | (A)           | (V)           |                 | Min/Max                            | Min/Max            |        |                   |                  |
| <b>Electric Orange (EO)</b>  |               |               |                 |                                    |                    |        |                   |                  |
| 56P432-EO                    | 32            | 500           | 3P + E          | [2.5,25]                           | [9,29]             | Orange | J                 | 56AM40           |
| 56P440-EO                    | 40            | 500           | 3P + E          | [2.5,25]                           | [9,29]             | Orange | K                 | 56AM40           |
| 56P450-EO                    | 50            | 500           | 3P + E          | [2.5,25]                           | [9,29]             | Orange | L                 | 56AM40           |
| 56P532-EO                    | 32            | 500           | 3P + N + E      | [2.5,25]                           | [9,29]             | Orange | M                 | 56AM40           |
| 56P540-EO                    | 40            | 500           | 3P + N + E      | [2.5,25]                           | [9,29]             | Orange | N                 | 56AM40           |
| 56P550-EO                    | 50            | 500           | 3P + N + E      | [2.5,25]                           | [9,29]             | Orange | O                 | 56AM40           |
| 56PA332-EO                   | 32            | 250           | 1P + N + E      | [2.5,25]                           | [9,29]             | Orange | I                 | 56AM40           |
| 56PA432-EO                   | 32            | 500           | 3P + E          | [2.5,25]                           | [9,29]             | Orange | J                 | 56AM40           |
| 56PA440-EO                   | 40            | 500           | 3P + E          | [2.5,25]                           | [9,29]             | Orange | K                 | 56AM40           |
| 56PA450-EO                   | 50            | 500           | 3P + E          | [2.5,25]                           | [9,29]             | Orange | L                 | 56AM40           |
| 56PA532-EO                   | 32            | 500           | 3P + N + E      | [2.5,25]                           | [9,29]             | Orange | M                 | 56AM40           |
| 56PA540-EO                   | 40            | 500           | 3P + N + E      | [2.5,25]                           | [9,29]             | Orange | N                 | 56AM40           |
| 56PA550-EO                   | 50            | 500           | 3P + N + E      | [2.5,25]                           | [9,29]             | Orange | O                 | 56AM40           |
| <b>Resistant Orange (RO)</b> |               |               |                 |                                    |                    |        |                   |                  |
| 56P432-RO                    | 32            | 500           | 3P + E          | [2.5,25]                           | [9,29]             | Orange | J                 | 56AM40           |
| 56P440-RO                    | 40            | 500           | 3P + E          | [2.5,25]                           | [9,29]             | Orange | K                 | 56AM40           |
| 56P532-RO                    | 32            | 500           | 3P + N + E      | [2.5,25]                           | [9,29]             | Orange | M                 | 56AM40           |
| 56PA332-RO                   | 32            | 250           | 1P + N + E      | [2.5,25]                           | [9,29]             | Orange | I                 | 56AM40           |
| 56PA432-RO                   | 32            | 500           | 3P + E          | [2.5,25]                           | [9,29]             | Orange | J                 | 56AM40           |
| 56PA432-RO                   | 32            | 500           | 3P + E          | [2.5,25]                           | [9,29]             | Orange | J                 | 56AM40           |
| 56PA450-RO                   | 50            | 500           | 3P + E          | [2.5,25]                           | [9,29]             | Orange | L                 | 56AM40           |
| 56PA532-RO                   | 32            | 500           | 3P + N + E      | [2.5,25]                           | [9,29]             | Orange | M                 | 56AM40           |
| 56PA550-RO                   | 50            | 500           | 3P + N + E      | [2.5,25]                           | [9,29]             | Orange | O                 | 56AM40           |



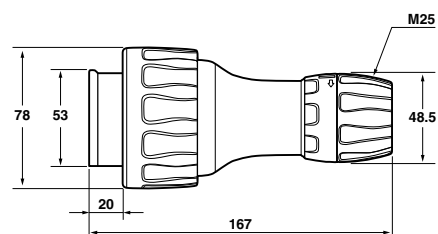
## Dimensions (mm)



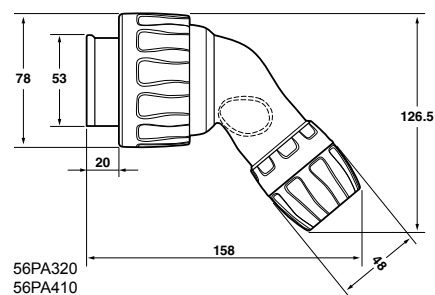
56P210  
56P215/32  
56P3/110  
56P310RP  
56P310  
56P310SL  
56P315  
56P320F



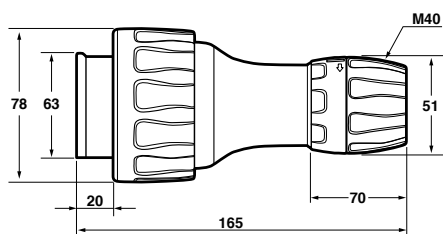
56PA332  
56PA432  
56PA440  
56PA450  
56PA532  
56PA540  
56PA550



56P320  
56P410  
56P420  
56P510  
56P520  
56P416K  
56P610  
56P710  
56P720



56PA320  
56PA410  
56PA416K  
56PA420  
56PA510  
56PA520  
56PA610  
56PA710  
56PA720



56P332  
56P532  
56P540  
56P550  
56P432  
56P440  
56P450

# Extension Sockets and Appliance Connectors

## Extension Sockets and Appliance Connectors

The 56 Series Extension Socket/Appliance Connector range is an important design breakthrough. It provides a common unit for both cord extension socket and appliance connector applications.

All connectors have impact-resistant, UV-stabilised mouldings. The IP66 rating can be achieved when extension sockets or connectors are used in conjunction with compatible accessories such as 56P Plugs, 56PA Plugs, and 56AI Appliance Inlets.

The IP66 rated units feature a flap, which maintains the International Protection Rating when the accessory is not being used.

Note: Flap is not provided as standard with smaller single-phase extension sockets.

The 56AM25 Adapter suits 25 mm cable and conduit glands, and is suitable on 10 A and 20 A units (three-phase).

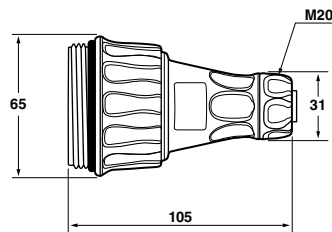
The 56AM40 Adapter suits 40 mm cable and conduit glands, and is suitable on 32 A and 50 A units (three-phase).



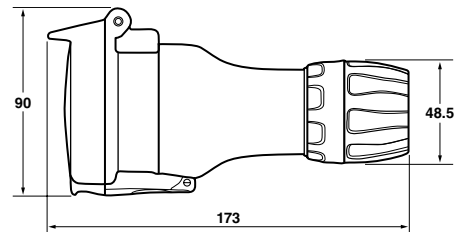
## Alkaline - Clipsal 56 Series

| Catalogue Number | Rated Current | Rated Voltage | Conductor Terminal mm <sup>2</sup> | Cable Nominal Dia. | Socket Description | Pin Configuration | Gland Nut Thread | Matching Straight | Matching Angled Plug | Colour          |
|------------------|---------------|---------------|------------------------------------|--------------------|--------------------|-------------------|------------------|-------------------|----------------------|-----------------|
|                  | (A)           | (V)           | Min./Max                           | Min./Max           |                    |                   |                  |                   |                      |                 |
| 56CSC310-RO      | 10            | 250           | [0.75,1.5]                         | [7,16]             | 1P + N + E         | A                 | M20              | 56P310-RO -       |                      | Orange          |
| 56CSC315-RO      | 15            | 250           | [0.75,1.5]                         | [7,16]             | 1P + N + E         | B                 | M20              | 56P315-RO -       |                      | Orange          |
| 56CSC310-EO      | 10            | 250           | [0.75,1.5]                         | [7,16]             | 1P + N + E         | A                 | M20              | 56P310-EO -       |                      | Electric Orange |
| 56CSC315-EO      | 15            | 250           | [0.75,1.5]                         | [7,16]             | 1P + N + E         | B                 | M20              | 56P315-EO -       |                      | Electric Orange |
| 56CSC320-EO      | 20            | 250           | [1,6]                              | [7,16]             | 1P + N + E         | Q                 | 56AM25           | 56P320-EO         | 56PA320-EO           | Electric Orange |
| 56CSC332-EO      | 32            | 250           | [2.5,25]                           | [9,29]             | 1P + N + E         | I                 | 56AM40           | 56P332-EO         | 56PA332-EO           | Electric Orange |
| 56CSC410-EO      | 10            | 500           | [1,6]                              | [7,16]             | 3P + E             | P                 | 56AM25           | 56P410-EO         | 56PA410-EO           | Electric Orange |
| 56CSC420-EO      | 20            | 500           | [1,6]                              | [7,16]             | 3P + E             | R                 | 56AM25           | 56P420-EO         | 56PA420-EO           | Electric Orange |
| 56CSC432-EO      | 32            | 500           | [2.5,25]                           | [9,29]             | 3P + E             | J                 | 56AM40           | 56P432-EO         | 56PA432-EO           | Electric Orange |
| 56CSC440-EO      | 40            | 500           | [2.5,25]                           | [9,29]             | 3P + E             | K                 | 56AM40           | 56P440-EO         | 56PA440-EO           | Electric Orange |
| 56CSC450-EO      | 50            | 500           | [2.5,25]                           | [9,29]             | 3P + E             | L                 | 56AM40           | 56P450-EO         | 56PA450-EO           | Electric Orange |
| 56CSC510-EO      | 10            | 500           | [1,6]                              | [7,16]             | 3P + N + E         | T                 | 56AM25           | 56P510-EO         | 56PA510-EO           | Electric Orange |
| 56CSC520-EO      | 20            | 500           | [1,6]                              | [7,16]             | 3P + N + E         | U                 | 56AM25           | 56P520-EO         | 56PA520-EO           | Electric Orange |
| 56CSC532-EO      | 32            | 500           | [2.5,25]                           | [9,29]             | 3P + N + E         | M                 | 56AM40           | 56P532-EO         | 56PA532-EO           | Electric Orange |
| 56CSC540-EO      | 40            | 500           | [2.5,25]                           | [9,29]             | 3P + N + E         | N                 | 56AM40           | 56P540-EO         | 56PA540-EO           | Electric Orange |
| 56CSC550-EO      | 50            | 500           | [2.5,25]                           | [9,29]             | 3P + N + E         | O                 | 56AM40           | 56P550-EO         | 56PA550-EO           | Electric Orange |

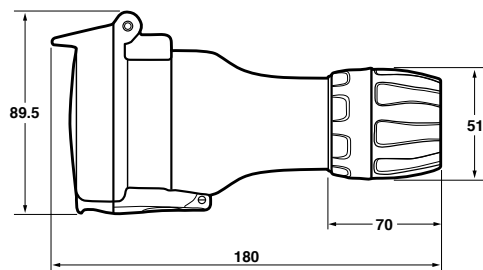
## Dimensions (mm)



56CSC310  
56CSC315



56CSC320  
56CSC410  
56CSC420  
56CSC510  
56CSC520



56CSC332  
56CSC432  
56CSC440  
56CSC450  
56CSC532  
56CSC540  
56CSC550

## Pendant Outlets

Clipsal 56PO three-phase Pendant Outlets are a hanging version of the 56CSC Connectors. The Pendant Outlets range from 56PO410 to 56PO550, and all have impact-resistant UV-stabilised mouldings.

56CSC Connectors can be converted to Pendant Outlets with the use of 56SHL or 56SHM suspension hooks.

### Switched Pendant Outlets

The 56 Series Switched Pendant Outlet combines performance, and functionality.

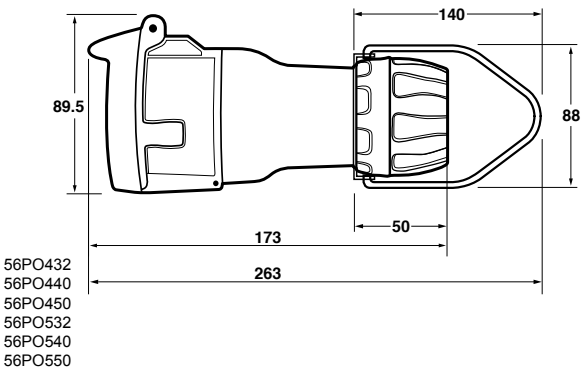
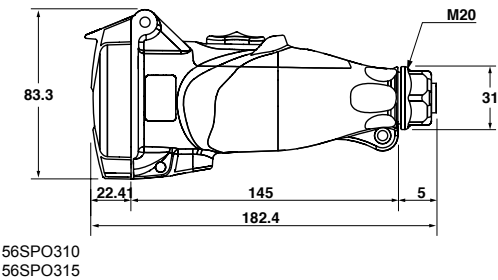
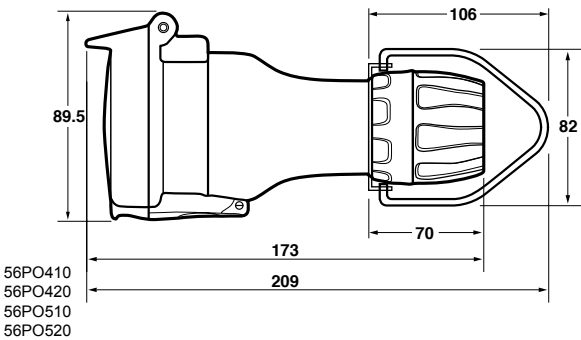
The 56SP0310 and 56SP0315 are available within this range.



## Alkaline - Clipsal 56 Series

| Catalogue Number | Rated Current | Rated Voltage | Conductor Terminal mm <sup>2</sup> | Cable Nominal Dia. | Socket Description | Pin Configuration | Gland Nut Thread | Matching Straight | Matching Angled Plug | Colour          |
|------------------|---------------|---------------|------------------------------------|--------------------|--------------------|-------------------|------------------|-------------------|----------------------|-----------------|
|                  | (A)           | (V)           | Min./Max                           | Min./Max           |                    |                   |                  |                   |                      |                 |
| 56PO420-EO       | 20            | 500           | [1,6]                              | [7,16]             | 3P + E             | R                 | 56AM25           | 56P420-EO         | 56PA420-EO           | Electric Orange |
| 56PO432-EO       | 32            | 500           | [2.5,25]                           | [9,29]             | 3P + E             | J                 | 56AM40           | 56P432-EO         | 56PA432-EO           | Electric Orange |
| 56PO510-EO       | 10            | 500           | [1,6]                              | [7,16]             | 3P + N + E         | T                 | 56AM25           | 56P510-EO         | 56PA510-EO           | Electric Orange |
| 56PO520-EO       | 20            | 500           | [1,6]                              | [7,16]             | 3P + N + E         | U                 | 56AM25           | 56P520-EO         | 56PA520-EO           | Electric Orange |
| 56PO532-EO       | 32            | 500           | [2.5,25]                           | [9,29]             | 3P + N + E         | M                 | 56AM40           | 56P532-EO         | 56PA532-EO           | Electric Orange |
| 56PO550-EO       | 50            | 500           | [2.5,25]                           | [9,29]             | 3P + N + E         | O                 | 56AM40           | 56P550-EO         | 56PA550-EO           | Electric Orange |
| 56SPO310-RW      | 10            | 250           | [0.75,2.5]                         | [7,10]             | 1P + N + E         | A                 | M20              | 56P310            | -                    | White           |
| 56SPO315-RW      | 15            | 250           | [0.75,2.5]                         | [7,10]             | 1P + N + E         | B                 | M20              | 56P315            | -                    | White           |

Dimensions (mm)



# Mounting Enclosures (Lids & Back Boxes)

## Mounting Enclosures (Back Boxes)

All 56 Series Mounting Back Boxes are moulded in UV stabilised rigid PVC to facilitate glueing of fittings for conduit entry. Ample conduit and cable entries are provided and there is plenty of wiring room for easy installation.

All screwed conduit entries are provided with plugs. The multigang enclosures feature moulded bridges between modules so switches and sockets sit flush on a continuous surface. Moulded dividers are also available for multigang boxes to segregate services and are standard with 4, 6, 8, 9, and 16 gang enclosures.

Each enclosure has a number of mounting points and 220/10 Sealing Plugs are provided to double insulate mounting screw heads and maintain the IP rating.

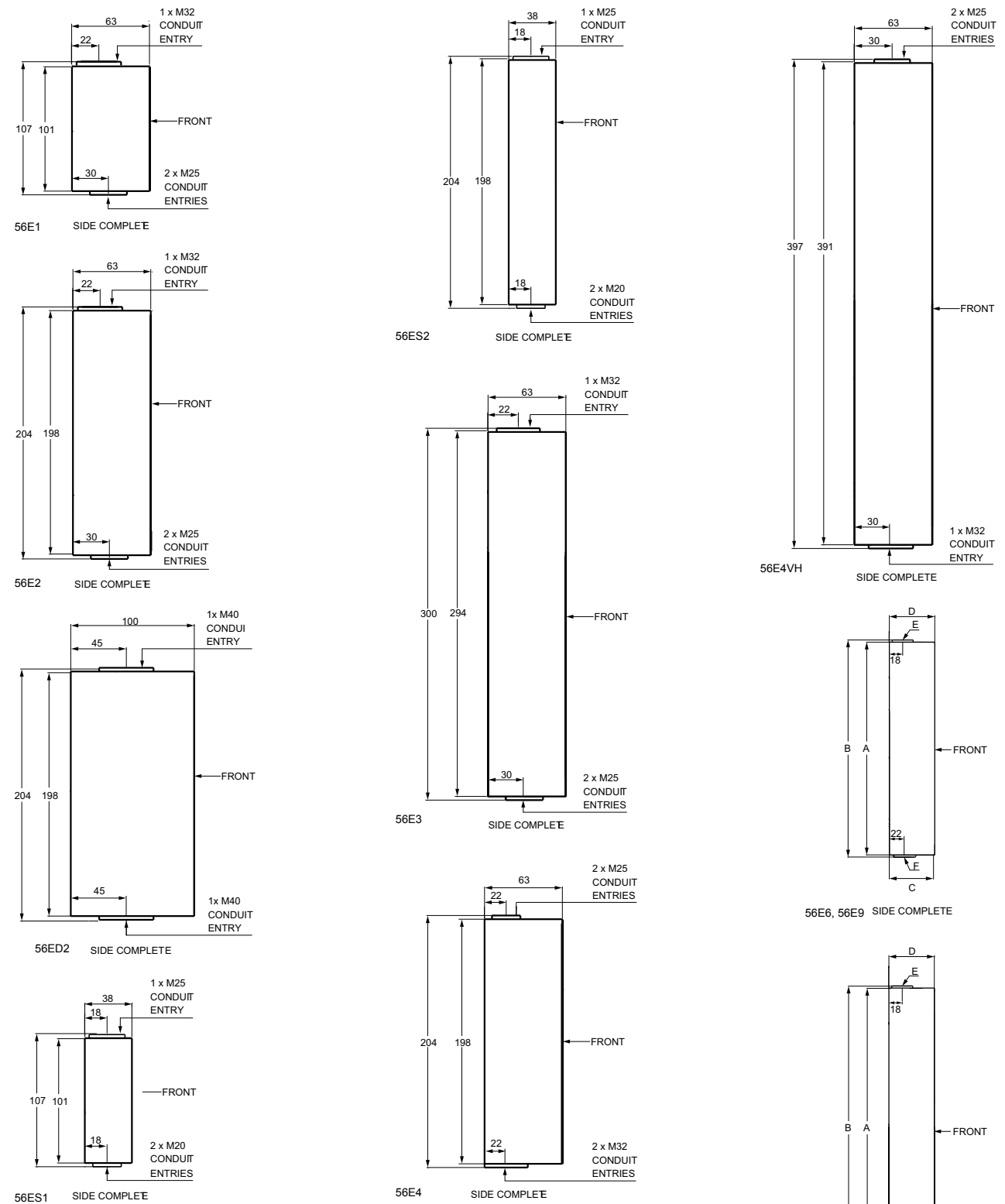
Moulded gaskets are supplied with switch and socket modules.



### Alkaline - Clipsal 56 Series

| Catalogue Number | No. of Gangs | O/A Dimensions |     |     | Matching Points | No. of Conduit Entries (mm) | Cut-out Provision (mm) | Colour    | Bridges | Dividers |
|------------------|--------------|----------------|-----|-----|-----------------|-----------------------------|------------------------|-----------|---------|----------|
|                  |              | (H)            | (W) | (D) |                 |                             |                        |           |         |          |
| 56E1-CG          | 1            | 102            | 102 | 63  | 8               | 2 x 25 mm - 1 x 32 mm       | 1 x 25/32              | Dark Grey | 0       | 0        |
| 56ES1-CG         | 1            | 102            | 102 | 40  | 8               | 2 x 25 mm - 1 x 32 mm       | 1 x 20/25              | Dark Grey | 0       | 0        |
| 56E2-CG          | 2            | 198            | 102 | 63  | 8               | 2 x 25 mm - 1 x 32 mm       | 1 x 25, 1 x 32         | Dark Grey | 1       | 0        |
| 56EV2-CG         | 2 Vertical   | 110            | 145 | 110 | 4               | 2 x 25 mm - 1 x 32 mm       | 0                      | Dark Grey | 0       | 0        |
| 56ED2-CG         | 2            | 198            | 102 | 100 | 16              | 3 x 40 mm                   | 1 x 25, 1 x 32         | Dark Grey | 1       | 0        |
| 56E3-CG          | 3            | 294            | 102 | 63  | 8               | 2 x 25 mm - 1 x 32 mm       | 2 x 25, 1 x 32         | Dark Grey | 2       | 0        |
| 56E4-CG          | 4            | 198            | 198 | 63  | 24              | 2 x 25 mm - 4 x 32 mm       | 2 x 25, 1 x 32, 1 x 40 | Dark Grey | 2       | 2        |
| 56E6-CG          | 6            | 296            | 198 | 63  | 0               | 2 x 25 mm - 2 x 32 mm       | 2 x 25, 2 x 32, 2 x 40 | Dark Grey | 3       | 4        |
| 56E8-CG          | 8            | 396            | 198 | 63  | 0               | 2 x 25 mm - 2 x 32 mm       | 4 x 25, 2 x 32, 2 x 40 | Dark Grey | 4       | 6        |
| 56E1-WW          | 1            | 102            | 102 | 63  | 16              | 2 x 25 mm - 1 x 32 mm       | 1 x 25/32              | Dark Grey | 0       | 0        |
| 56E2-WW          | 2            | 198            | 102 | 63  | 16              | 2 x 25 mm - 1 x 32 mm       | 1 x 25, 1 x 32         | Dark Grey | 1       | 0        |
| 56E3-WW          | 3            | 294            | 102 | 63  | 4               | 2 x 25 mm - 1 x 32 mm       | 2 x 25, 1 x 32         | Dark Grey | 2       | 0        |
| 56E4-WW          | 4            | 198            | 198 | 63  | 28              | 2 x 25 mm - 4 x 32 mm       | 2 x 25, 1 x 32, 1 x 40 | Dark Grey | 2       | 2        |
| 56E8-WW          | 8            | 396            | 198 | 63  | 48              | 2 x 25 mm - 2 x 32 mm       | 4 x 25, 2 x 32, 2 x 40 | Dark Grey | 4       | 6        |

Dimensions (mm)



| Catalogue Number | No. Gangs | Dimensions(mm) |     |     |    | Conduit Entries |         | Cut Out Provisions |    |    | 56 DV Dividers | 56B Bridges | Mounting Points |
|------------------|-----------|----------------|-----|-----|----|-----------------|---------|--------------------|----|----|----------------|-------------|-----------------|
|                  |           | A              | B   | C   | D  | E               | F       | G                  | H  | I  |                |             |                 |
| 56E6             | 6         | 294            | 300 | 198 | 63 | 2 x M25         | 2 x M32 | 25                 | 32 | 40 | 4              | 3           | 24              |
| 56E8             | 8         | 392            | 398 | 198 | 63 | 2 x M25         | 2 x M32 | 25                 | 32 | 40 | 6              | 4           | 28              |
| 56E9             | 9         | 294            | 300 | 294 | 63 | 3 x M25         | 3 x M32 | 25                 | 32 | 40 | 6              | 6           | 28              |
| 56E16            | 16        | 392            | 398 | 392 | 63 | 2 x M25         | 2 x M32 | 25                 | 32 | 40 | 12             | 8           | 48              |



## Mounting Enclosure Lids (Covers)

- Mounting enclosure lids are UV stabilised.
- All are 28 mm high and supplied complete with sealing gasket.
- One gang, 28 mm high lids are also available pre-drilled to accept 22 mm or 30.5 mm diameter IP56 rated push- buttons or indicating lights. Dimensions are identical to the 56L1.



### Alkaline - Clipsal 56 Series

| Catalogue Number | No. of Gangs | O/A Dimensions |    |    |    |     |    | Pre Drilled Hole Diameter (mm) | Hole Quantity | Colour        |
|------------------|--------------|----------------|----|----|----|-----|----|--------------------------------|---------------|---------------|
|                  |              | A              | B  | C  | D  | E   | F  |                                |               |               |
| 56L1-CG          | 1            | 95             | 95 | 28 | 84 | 84  | -  | -                              | -             | Chemical Grey |
| 56L1-WW          | 1            | 95             | 95 | 28 | 84 | 84  | -  | -                              | -             | Dark Grey     |
| 56L2-CG          | 2            | 192            | 95 | 28 | 84 | 181 | -  | -                              | -             | Chemical Grey |
| 56L2-WW          | 2            | 192            | 95 | 28 | 84 | 181 | -  | -                              | -             | Dark Grey     |
| 56L1/22/2-CG     | 1            | 95             | 95 | 28 | 84 | 84  | 20 | 22                             | 2             | Chemical Grey |
| 56L1/22-CG       | 1            | 95             | 95 | 28 | 84 | 84  | -  | 22                             | 1             | Chemical Grey |

## Adaptable Enclosures

### DIN Rail Accessory Mounting Cover Kits

The 56 Series Two Gang Cover Assemblies feature a specially designed mounting bracket which will accommodate the full range of Schneider Electric circuit breakers, RCDs, and combination of MCB/RCDs.

Covers suit all 56 Series enclosures (minimum standard depth 63mm) and are supplied with neon indicators, which can be wired from either the line or load side of the switch.

The unique 56CB4NM protective membrane, incorporated into the unit, covers MCBs, RCDs, and accessories to provide a barrier against dust and water, including wet hands when the flap is opened to reset switches.

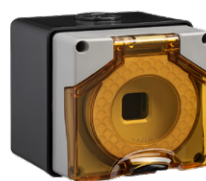
All 56CB4 include a padlocking facility on the cover flap.



#### Alkaline - Clipsal 56 Series

| Catalogue Number | Ui/Ue (Volt) | Neon Voltage (Volt) | Module Type    | No. of Poles | Module Width | O/A Dimensions |        |        | Colour        |
|------------------|--------------|---------------------|----------------|--------------|--------------|----------------|--------|--------|---------------|
|                  |              |                     |                |              |              | L (mm)         | W (mm) | D (mm) |               |
| 56CB4N-CG        | 240 / 440    | 240 / 415           | 1P, 2P, 3P MCB | 4 RCD        | 4 Max        | 190            | 95     | 50     | Chemical Grey |
| 56CB4NM-CG       | 240 / 440    | 240 / 415           | 1P, 2P, 3P MCB | 4 RCD        | 4 Max        | 190            | 95     | 50     | Chemical Grey |

### Adaptable Enclosures



56M41-CG



56M42-CG

#### Neutral - Clipsal 56 Series

| Catalogue Number | No. of Gangs | No. of Mounting points | Cut Outs | O/A Dimensions |     |     | Colour        | Compatibility     |
|------------------|--------------|------------------------|----------|----------------|-----|-----|---------------|-------------------|
|                  |              |                        |          | (H)            | (W) | (D) |               |                   |
| 56/32-CG         | 1            | 4                      | 2        | 101            | 101 | 77  | chemical grey | Clipsal 30 Mech   |
| 56/01X-WW        | 1            | 4                      | -        | 101            | 101 | 77  | dark grey     | -                 |
| 56M41-CG         | 1            | 4                      | 1        | 101            | 101 | 77  | grey          | Clipsal 40 Module |
| 56M42-CG         | 1            | 4                      | 2        | 101            | 101 | 77  | chemical grey | Clipsal 40 Module |

### Junction Boxes

The 56 Series Junction Boxes are designed for industrial environments. They are supplied complete with Earth and Neutral connectors for up to 3 x 6 mm<sup>2</sup> cables and sealing gasket.

The 25 mm and 32 mm screwed conduit entries and sealing plugs are provided, as are cable entry cut outs in the back.



#### Alkaline - Clipsal 56 Series

| Catalogue Number | No. of Gangs | Cut Outs  | O/A Dimensions |     |     | Colour        |
|------------------|--------------|-----------|----------------|-----|-----|---------------|
|                  |              |           | (H)            | (W) | (D) |               |
| 56JB1-CG         | 1            | 1 x 25/32 | 101            | 101 | 91  | Chemical Grey |

## Accessories and Spare Parts

### Switch, Socket, and Switched Socket Outlet Accessories

- Auxiliary Switch - 56 Series Catalogue Number 56SOAUX15 Suits 415 V sockets. This switch is used to indicate if plug is connected or not.
- Auxiliary Switch - 56 Series Catalogue Number 56SWAUX15 Suits 63 A switches. This switch is used to indicate if switch is 'ON' or 'OFF'.
- Single Phase Red LED Catalogue Number 56LEDK1 Field fit kits includes LED on flying leads, lens, o-ring, drill bit 5.5 mm (7/32), and instructions.
- Three Phase Red, White, Blue LED Catalogue Number 56LEDK3 Field fit kits includes LED on flying leads, lens, o-ring, drill bit 5.5 mm (7/32), and instructions.
- LEDs provide more reliability and extended life compared to traditional neons used in 56 Series.
- Lock for Socket Flaps - 56 Series Catalogue Number 56SOLOCK Suits all products equipped with flap.



56LEDK1



56SOAUX15



56SOCOVR-RO



56LEDK3



56SOLOCK



56SWAUX15

### Alkaline - Clipsal 56 Series

| Catalogue Number | Description                       | Number of switched poles | $I_{the}$ (Amp) | $U_i/U_e$ (Volt) | Cond. Term Size in mm <sup>2</sup> | Colour           |
|------------------|-----------------------------------|--------------------------|-----------------|------------------|------------------------------------|------------------|
| Min/Max /Cond.   |                                   |                          |                 |                  |                                    |                  |
| 56SWAUX15        | Auxiliary Switch - 56 Series      | 1P                       | 15              | 250              | (1.5,6)                            | -                |
| 56LEDK1          | Single Phase Red LED              | -                        | Up to 63        | 250              | -                                  | red              |
| 56LEDK3          | Three Phase Red, White, Blue LED  | -                        | Up to 63        | 250 / 415        | -                                  | red, blue, white |
| 56SOLOCK         | Lock for Socket Flaps - 56 Series | -                        | -               | -                | -                                  | -                |
| 56SOAUX15        | Auxiliary Switch - 56 Series      | -                        | 15              | 250              | (1.5,6)                            | -                |

## Plug, Extension Socket, and Appliance Connector Accessories

The 56 series 56SHM and 56SHL Suspension Hooks enable three-phase 56CSC Series Industrial Connectors to be easily converted to pendant outlets.

There are two models available (medium 56SHM and large 56SHL) for connectors; 10 A - 20 A and 32 A - 50 A respectively, both of which are manufactured from quality 316 grade stainless steel for long life and to withstand loads of up to 50 kg.

The stainless steel 56SPOK suspended outlet kit allows two 56C or 56CV Series to be mounted back to back. It is also supplied with 316 grade stainless steel mounting screws.

When not in use, 56P and 56PA Series Plugs can be additionally protected by utilising the 56PC Series Plug Caps. This includes the 56PC, 56PCI, and 56PC2 caps. When in position, they protect the pins from damage, dirt, grease, chemicals, and water ingress. The caps are simple to fit and fully enclose the plug face to provide IP66 protection. The 56 Series Single Phase CSC Extension Sockets and Appliance Connectors can be additionally protected by utilising the 56SC2 Socket Cap.

The 56AM25 + 56AM40 threaded adaptors are suitable for fitments of flexible conduit glands or hose adaptors. To fit, simply remove existing locknut and replace with adaptor module.

- 56AM25 suits 10 A to 20 A three-phase plugs

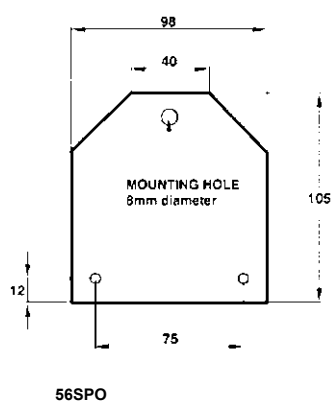
- 56AM40 suits 32 A to 50 A three- phase plugs



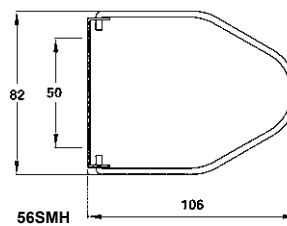
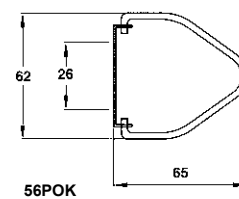
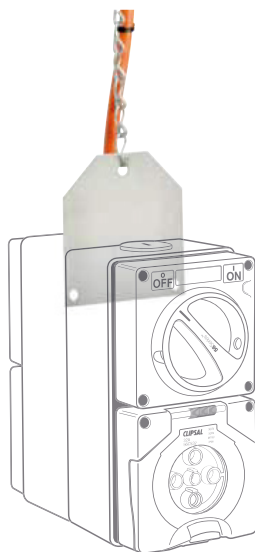
### Alkaline - Clipsal 56 Series

| Catalogue Number | Description                                      | Compatibility                                     | Colour |
|------------------|--------------------------------------------------|---------------------------------------------------|--------|
| 56PC2-RO         | 56 Series Plug Cap                               | single-phase (but not size 1 plugs)               | Orange |
| 56PCI-TR         | 56 Series Plug Cap                               | 3 Phase 32 A + single-phase round pin             | Clear  |
| 56PC-TR          | 56 Series Plug Cap                               | 3 Phase 10 A - 20 A + 20 A single-phase round pin | Clear  |
| 56SC2-RO         | 56 Series Socket Connector Cap                   | [10A,15A] 1P Plugs                                | Orange |
| 56SHL            | 56 Series Suspension Hook - Large                | 3 Phase 32 A - 50 A                               | -      |
| 56AM25           | 56 Series Adapter Module - 25 mm                 | 10 A - 20 A Size 1                                | Orange |
| 56AM40           | 56 Series Adapter Module - 40 mm                 | 32 A - 50 A Size 2                                | Orange |
| 56POK            | 56 Series Pendant Outlet Kit - 3 Phase - 10/20 A | 10 A - 20 A Size 1                                | -      |
| 56POKI           | 56 Series Pendant Outlet Kit - 3 Phase - 32/50 A | 32 A - 50 A Size 2                                | -      |

## Dimensions (mm)



56SPOK



## Mounting Enclosure (Back Box) Accessories

Condensation drain, catalogue number 56D, should be used when condensation build up is a problem. The 56D is made from chemically resistant nylon and comes complete with lock nut.

Note: Installation of the 56D de-rates the product to IP54.

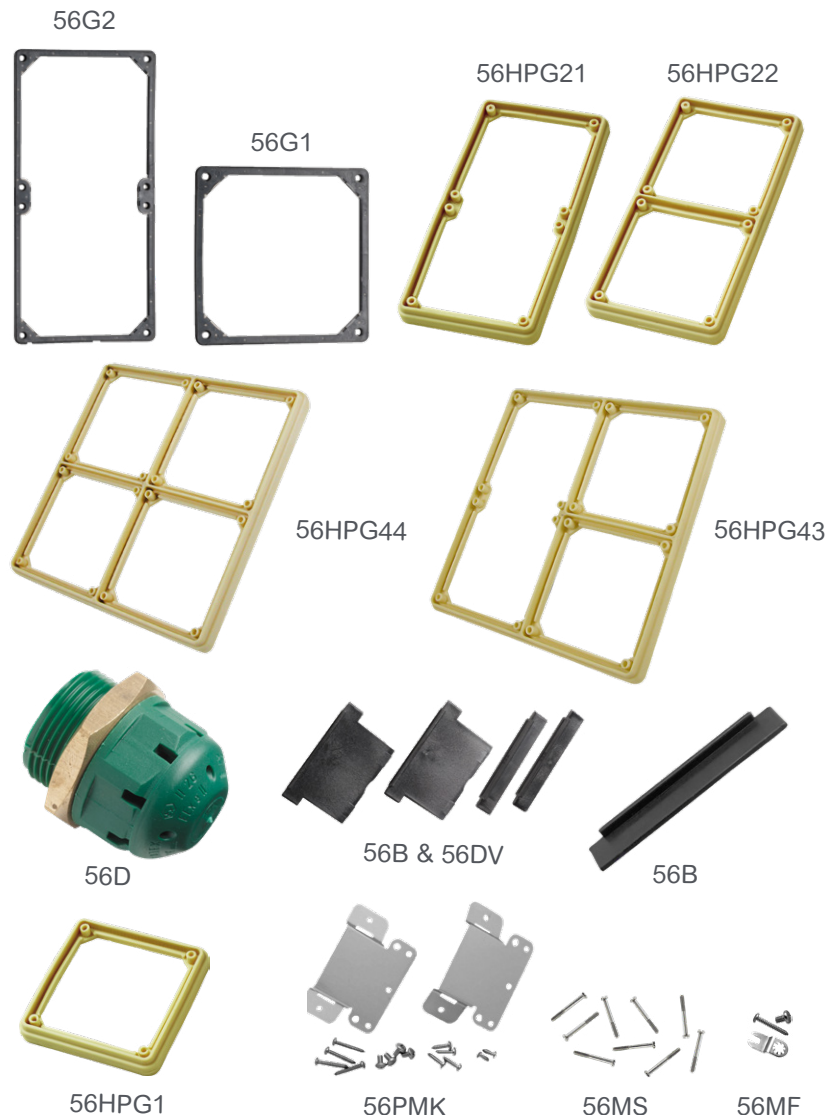
The 56 Series 1 Gang Gasket Catalogue Number 56G1 - Replacement single gang gasket. Rated IP66.

56 Series 2 Gang Gasket Catalogue Number 56G2 - Replacement double gang gasket.

Catalogue Number 56MF - Mounting feet and stainless steel mounting screws (1¼" x 10 gauge) are provided to space 56 Series accessories off walls used in food industries. The 56MF is designed to be used in conjunction with food industry 280MC Mounting Channels and 280 Series 25 mm Conduit Clips.

Catalogue No. 56PMK - A heavy-duty stainless steel pole mounting kit made of 316 Grade stainless steel. Comes complete with ¾" and 1¼" size stainless steel mounting screws.

The unique 56 Series High Pressure Gaskets are specifically designed where hygiene is paramount (dairies, abattoirs). These areas are most commonly cleaned using a 75 °C, 1600 psi, 25 l/min, high pressure cleaning gun with chemical cleaner added. The 56 Series High Pressure Gaskets are suited to these environments and are compatible with 56E1, 56E2, and 56E4 enclosures.



### Alkaline - Clipsal 56 Series

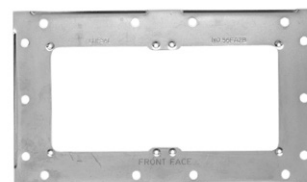
| Catalogue Number | Number of Gangs        | Description                                             | Colour          |
|------------------|------------------------|---------------------------------------------------------|-----------------|
| 56HPG1-CM        | 1                      | 56 Series High Pressure Gasket - 1 Gang                 | Cream           |
| 56HPG2/1-CM      | 2                      | 56 Series High Pressure Gasket - 2 Gang                 | Cream           |
| 56HPG2/2-CM      | 2 x 1 Gang             | 56 Series High Pressure Gasket - 2 x1 Gang              | Cream           |
| 56HPG4/3-CM      | 2 x 1 Gang, 1 x 2 Gang | 56 Series High Pressure Gasket - 2 x1 Gang - 1 x 2 Gang | Cream           |
| 56HPG4/4-CM      | 4 x 1 Gang             | 56 Series High Pressure Gasket - 4 x 1 Gang             | Cream           |
| 56G1             | 1                      | 56 Series Gasket - 1 Gang                               | Black           |
| 56G2             | 2                      | 56 Series Gasket - 2 Gang                               | Black           |
| 56MF             | -                      | 56 Series Mounting Feet                                 | Stainless Steel |
| 56MS             | -                      | 56 Series Cover Screws                                  | Stainless Steel |
| 56PMK            | -                      | 56 Series Pole Mounting Kit                             | Stainless Steel |
| 56D              | -                      | Condensation Drain                                      | Green           |
| 56/4CB           | -                      | 56 series DIN rail assembly                             | -               |
| 56B-BK           | -                      | 56 series enclosure bridge                              | Black           |
| 56DV-BK          | -                      | 57 series enclosure divider                             | Black           |

## Flush Surrounds

Surface mounted 56 Series Sockets, Switches, and Combinations can be transformed into flush mounting equivalents using the 56FA Surrounds and Brackets. The Surrounds can be used on various types of walls to provide a neat installation, such as:

- a mounting enclosure (back box) in poured concrete.
- a bracket on brick, brick veneer, or panel walls.

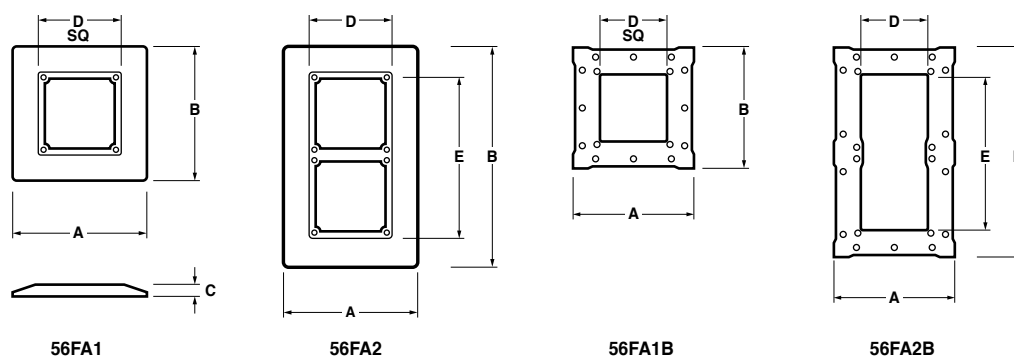
The brackets provide the installer with a practical method of flush mounting 56 Series accessories. Comprehensive installation instructions are supplied with all units. The 56FA1, 56FA2, 56FA3, and 56FA4 Flush Surrounds contain a moulded flange, foam gasket, and stainless steel mounting screws. The 56FA1B, 56FA2B, 56FA3B, and 56FA4B Flush Surrounds contain a corrosion resistant steel mounting metal bracket.



## Alkaline - Clipsal 56 Series

| Catalogue Number | No. of Gangs | Description                             | O/A Dimensions |     |     |     |     | Colour        |
|------------------|--------------|-----------------------------------------|----------------|-----|-----|-----|-----|---------------|
|                  |              |                                         | (A)            | (B) | (C) | (D) | (E) |               |
| 56FA1B           | 1            | 56 Series Flush Surround - Base- 1 Gang | 141            | 141 | 0   | 82  | -   | -             |
| 56FA1-CG         | 1            | 56 Series Flush Surround - 1 Gang       | 157            | 157 | 13  | 97  | -   | Chemical Grey |
| 56FA2B           | 2            | 56 Series Flush Surround - Base- 2 Gang | 141            | 242 | 0   | 82  | 179 | -             |
| 56FA2-WW         | 2            | 56 Series Flush Surround - 2 Gang       | 157            | 254 | 13  | 97  | 194 | Dark Grey     |
| 56FA3B           | 3            | 56 Series Flush Surround - Base- 3 Gang | 141            | 338 | 0   | 82  | 275 | -             |
| 56FA3-CG         | 3            | 56 Series Flush Surround - 3 Gang       | 157            | 350 | 13  | 97  | 281 | Chemical Grey |
| 56FA3-WW         | 3            | 56 Series Flush Surround - 3 Gang       | 157            | 350 | 13  | 97  | 281 | Dark Grey     |
| 56FA4B           | 4            | 56 Series Flush Surround - Base- 4 Gang | 242            | 242 | 0   | 179 | 179 | -             |
| 56FA4-WW         | 4            | 56 Series Flush Surround - 4 Gang       | 254            | 254 | 13  | 184 | 184 | Dark Grey     |

## Dimensions (mm)





## Surface Socket Spare Parts

A range of replacement internal socket housings are available for 3 phase 56SO models. No need to replace an entire unit if only the internal socket housing is damaged. Socket terminal housings are moulded in durable polyester.



### Alkaline - Clipsal 56 Series

| Catalogue Number | $I_{the}$ (Amp) | $U_i/U_e$ (Volt) | Type of socket | Cond. Term Size in mm <sup>2</sup> |
|------------------|-----------------|------------------|----------------|------------------------------------|
|                  |                 |                  |                | Min/Max /Cond.                     |
| 56SO320G         | 20              | 250              | 1P + N + E     | [2,5,6]                            |
| 56SO332G         | 32              | 250              | 1P + N + E     | [6,16]                             |
| 56SO520G         | 20              | 500              | 3P + N + E     | [2,5,6]                            |
| 56SO550G         | 50              | 500              | 3P + N + E     | [10,16]                            |





# Heavy Duty



The Heavy Duty range of Clipsal Industrial products are suited for environments that are dusty or clean, wet or dry, Indoors or outdoors (UV resistant), heavy impact areas, vandal prone areas.

Some typical applications include: Foundries, furnaces, power generation & distribution, cement plants, quarries, open cut mines, heavy transport sectors, welding outlets, jails, public areas. If Clipsal Industrial products are part of the 'heavy duty' range they will easily be identified by a black circle with Heavy Duty text and/or by a black circle with a white truck symbol as shown below.



AND/OR



The Heavy Duty range encompasses Clipsal WilcoROWCO and Wilco Metal range. The following section showcases these products in more detail.

## Combination Switched Socket Outlets

The Clipsal wilcoROWCO Metal Clad combination switched sockets have a modular 99 x 201 mm design that allows installers to mix and match covers on to two, three, or four, gang enclosures (bases). The one piece cover also means there are less access points for dust or water to penetrate. Although there are other switches in the wilcoROWCO offer (50 A and 63 A), this modular range is only available from 240 V, 10 A to 415 V, 32 A. The ON and OFF positions are clearly marked with raised lettering so they will never wear off.

A provision for a 8 mm padlock is provided for locking OFF. If locking is required in ON position, simply drill a hole where necessary. An optional interlocking facility is available with special orders, which can prevent three phase plugs being removed when switch is ON and prevents the switch being turned ON without a plug being inserted.

The Wilco range of combination fused switches and socket outlets are available in 4 and 5 pin socket configurations up to 200 A. They feature a 3 mm sheet steel case with cast aluminium covers.

The switch design uses 'M' Clip 'Knife Blade' type contacts capable of withstanding high fault currents.

The compression spring on the switch carriage is designed to provide quick make and quick break action for the contacts.

A cover interlock is provided to prevent the opening of the cover with the switch in the 'ON' position or closed with the cover open.

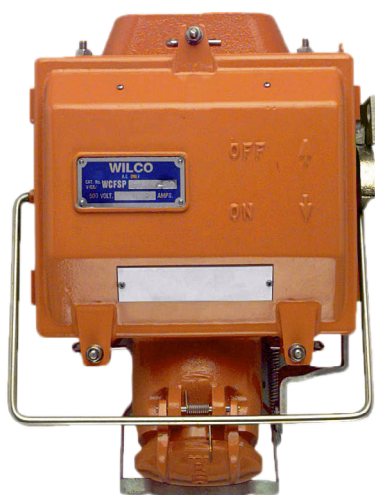
### 1 Piece Cover



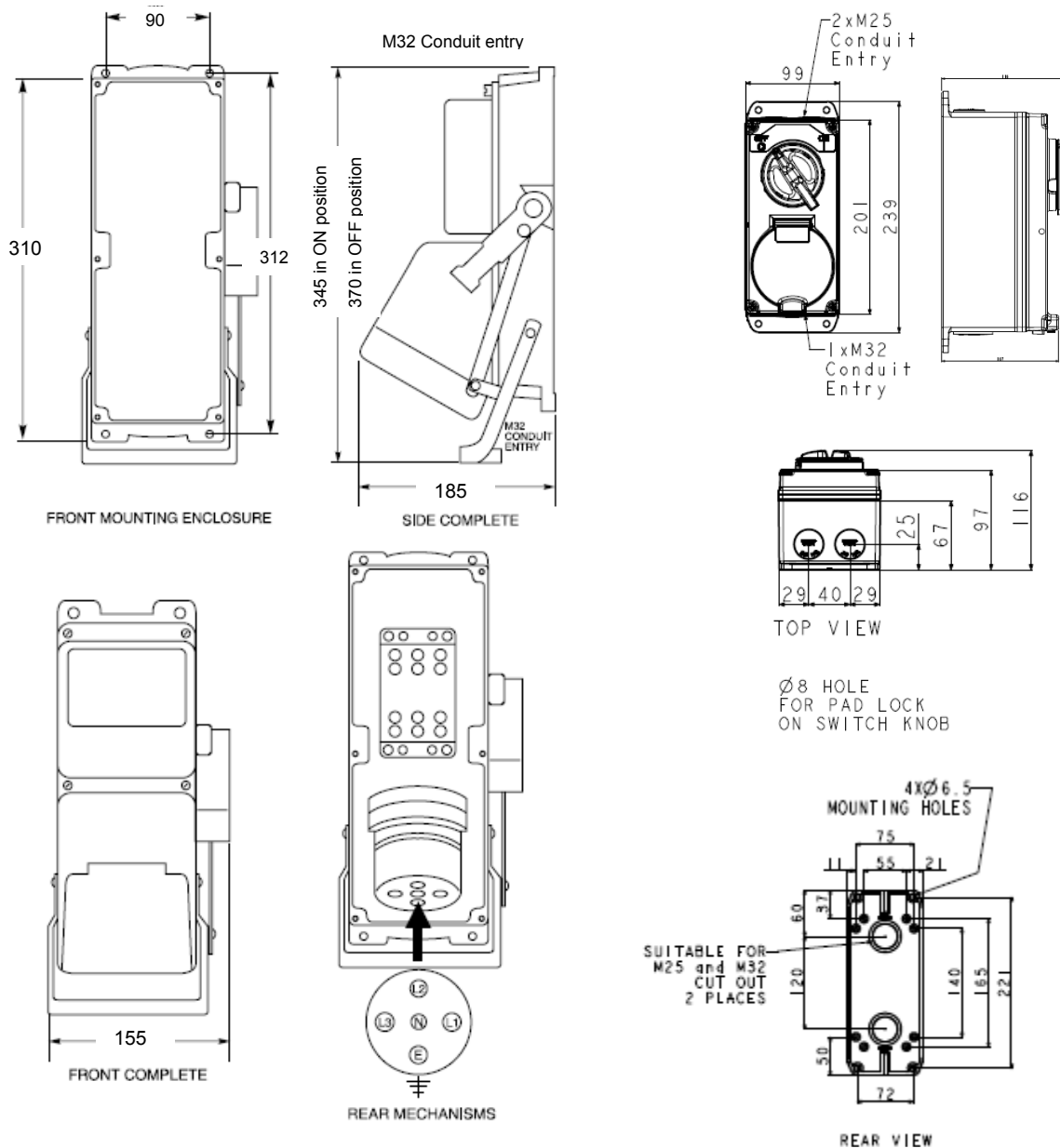
## Heavy Duty - Clipsal 56 Series

| Catalogue Number | No. of Switch Poles | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Ie (A) Utilisation Category |       | Type of Socket | Cond. Term Size (mm) | O/A Dimensions |             |             | Matching Plug | Socket Config |
|------------------|---------------------|------------------------|----------------|-----------------------------|-------|----------------|----------------------|----------------|-------------|-------------|---------------|---------------|
|                  |                     |                        |                | AC21A                       | AC23A |                |                      | Min            | Max / Cond. | (H) (W) (D) |               |               |
| WMC310           | 1P                  | 10                     | 250            | 10                          | 11    | 1P + N         | [1,5,6]              | 239            | 99          | 116         | 56P310        | A             |
| WMC310/LE        | 1P                  | 10                     | 250            | 10                          | 11    | 1P + N         | [1,5,6]              | 239            | 99          | 49          | 56P310        | A             |
| WMC310D          | 2P                  | 10                     | 250            | 10                          | 11    | 1P + N         | [1,5,6]              | 239            | 99          | 116         | 56P310        | A             |
| WMC310L          | 1P                  | 10                     | 250            | 10                          | 11    | 1P + N         | [1,5,6]              | 239            | 99          | 116         | 56P310L       | C             |
| WMC310LD         | 2P                  | 10                     | 250            | 10                          | 11    | 1P + N         | [1,5,6]              | 239            | 99          | 116         | 56P310L       | C             |
| WMC315           | 1P                  | 15                     | 250            | 15                          | 11    | 1P + N         | [1,5,6]              | 239            | 99          | 116         | 56P315        | B             |
| WMC315/LE        | 1P                  | 15                     | 250            | 15                          | 11    | 1P + N         | [1,5,6]              | 239            | 99          | 49          | 56P315        | B             |
| WMC315D          | 2P                  | 15                     | 250            | 15                          | 11    | 1P + N         | [1,5,6]              | 239            | 99          | 116         | 56P315        | B             |
| WMC320           | 1P                  | 20                     | 250            | 20                          | 21    | 1P + N         | [2,5,6]              | 239            | 99          | 116         | 56P320        | H             |
| WMC332           | 1P                  | 32                     | 250            | 32                          | 28    | 1P + N         | [4,16]               | 239            | 99          | 116         | 56P332        | I             |
| WMC410           | 1P                  | 10                     | 500            | 10                          | 11    | 3P + E         | [1,5,6]              | 239            | 99          | 116         | 56P410        | K             |
| WMC420           | 1P                  | 20                     | 500            | 20                          | 21    | 3P + E         | [2,5,6]              | 239            | 99          | 116         | 56P420        | L             |
| WMC432           | 1P                  | 32                     | 500            | 32                          | 28    | 3P + E         | [4,16]               | 239            | 99          | 116         | 56P432        | N             |
| WMC450           | 1P                  | 50                     | 500            | 50                          | 40    | 3P + E         | [10,16]              | 370            | 155         | 185         | 66P450        | A1            |
| WMC463           | 1P                  | 63                     | 500            | 63                          | 50    | 3P + E         | [16,25]              | 370            | 155         | 185         | 66P463        | A3            |
| WMC510           | 1P                  | 10                     | 500            | 10                          | 11    | 3P + N + E     | [1,5,6]              | 239            | 99          | 116         | 56P510        | Q             |
| WMC520           | 1P                  | 20                     | 500            | 20                          | 21    | 3P + N + E     | [2,5,6]              | 239            | 99          | 116         | 56P520        | R             |
| WMC520/LE        | 1P                  | 20                     | 500            | 20                          | 21    | 3P + N + E     | [2,5,6]              | 239            | 99          | 49          | 56P520        | R             |
| WMC532           | 1P                  | 32                     | 500            | 32                          | 28    | 3P + N + E     | [4,16]               | 239            | 99          | 116         | 56P532        | S             |
| WMC532/LE        | 1P                  | 32                     | 500            | 32                          | 28    | 3P + N + E     | [4,16]               | 239            | 99          | 49          | 56P532        | S             |
| WMC550           | 1P                  | 50                     | 500            | 50                          | 40    | 3P + N + E     | [10,16]              | 370            | 155         | 185         | 66P550        | A2            |
| WMC563           | 1P                  | 63                     | 500            | 63                          | 50    | 3P + N + E     | [16,25]              | 370            | 155         | 185         | 66P563        | A4            |

## Fused



## Dimensions (mm)



## Heavy Duty - Clipsal 56 Series

| Catalogue Number | No. of Switch Poles | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Ie (A) Utilisation Category | O/A Dimensions |     |     | Matching Plug | Socket Config | Drawing Number |
|------------------|---------------------|------------------------|----------------|-----------------------------|----------------|-----|-----|---------------|---------------|----------------|
| AC22A            |                     |                        |                |                             | (H)            | (W) | (D) |               |               |                |
| WCFSP4100-EC     | 3P                  | 100                    | 415 - 440      | -                           | 622            | 394 | 289 | P4100         | 46            | 2              |
| WCFSP5100-EC     | 3P                  | 100                    | 415 - 440      | -                           | 622            | 394 | 289 | P5100         | 48            | 2              |
| WCFSP5160-EC     | 3P                  | 160                    | 415 - 440      | -                           | 622            | 394 | 289 | P5160         | 52            | 2              |
| WCFSP563-EC      | 3P                  | 63                     | 415 - 440      | 63                          | 362            | 300 | 203 | WMP563        | 90            | 1              |
| WCFSP463         | 3P                  | 63                     | 415 - 440      | 63                          | 362            | 300 | 203 | E463P         | 88            | 1              |



## Surface Socket Outlets

Clipsal wilcoROWCO Metal Clad socket outlets 240 V, 10 A to 415 V, 32 A have a modular 99 x 99 mm design that allows installers to mix and match socket covers on to one, two, three, or four gang enclosures (bases).

The protective socket flap is spring loaded for less chance for water or dust ingress if operators forget to close the flap. This is further enhanced with a flap retention latch.

Clipsal wilcoROWCO Metal Clad 63 A socket outlets are the largest sockets in the metal clad range. They have larger bases and covers to cater for additional wiring space. The protective socket flap is spring loaded for less chance for water or dust ingress if operators forget to close the flap. This range is the first choice when sockets for higher amperages are required.

External mounting and easy installation is provided to suit a variety of fixing devices and fasteners.

The Wilco WB sockets offer a range of alternative sockets for applications from 63 A to 160 A.

The 63 A version is manufactured from cast iron and the 100 A to 160 A products are manufactured from aluminium.



WMB310



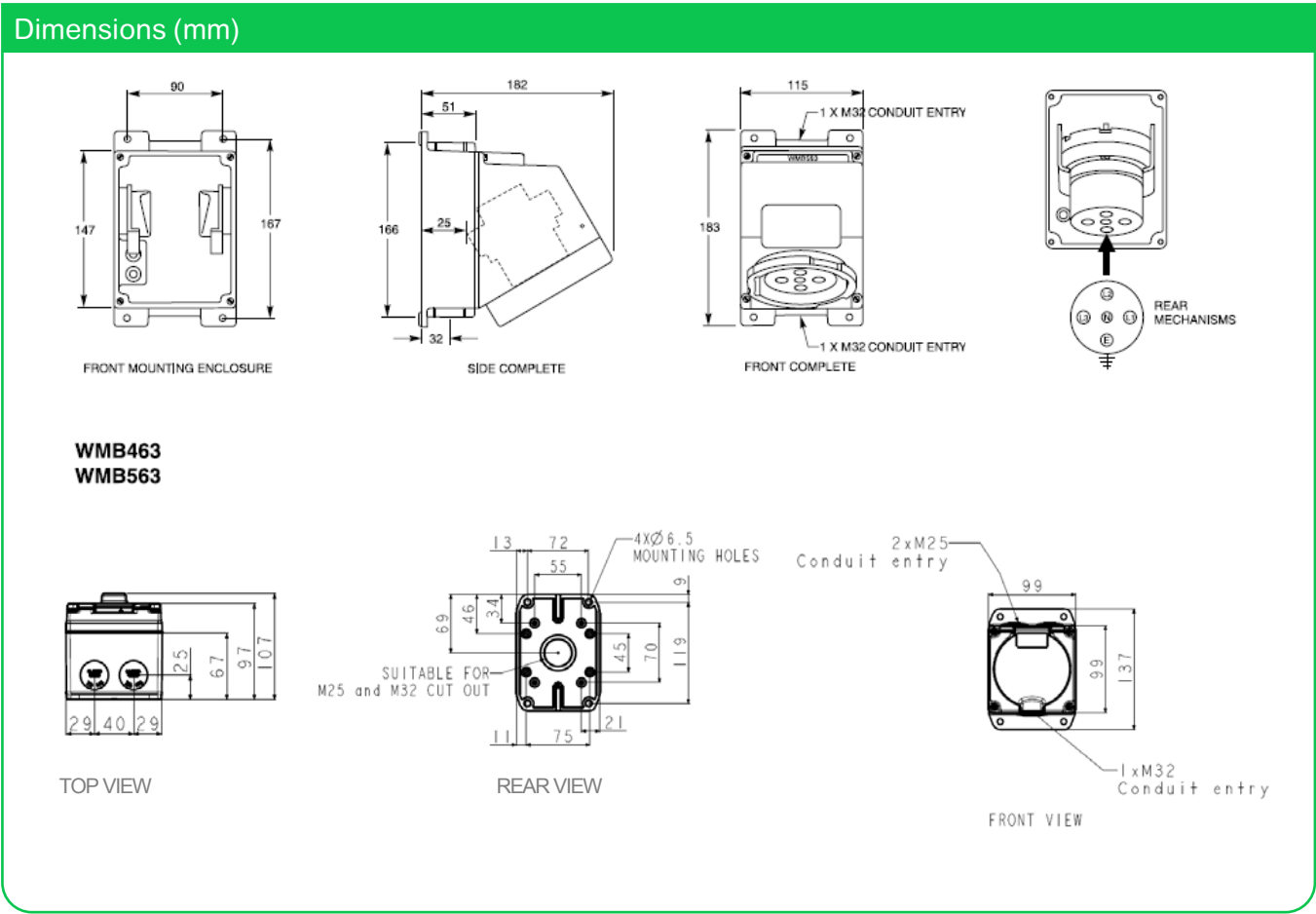
WMB563



WB5160

### Heavy Duty - Clipsal 56 Series

| Catalogue Number | I <sub>the</sub><br>(Amp) | Ui / Ue<br>(Volt) | Type of Socket | Cond. Term Size (mm) | O/A Dimensions |     |     | Matching Plug | Socket Config |
|------------------|---------------------------|-------------------|----------------|----------------------|----------------|-----|-----|---------------|---------------|
|                  |                           |                   |                | Min Max / Cond.      | (H)            | (W) | (D) |               |               |
| WMB210           | 10                        | 250               | 1P + N         | [1.5,16]             | 137            | 99  | 107 | 56P210        | D             |
| WMB215/32        | 15                        | 32                | 1P + N         | [1.5,6]              | 137            | 99  | 107 | 56P215/32     | E             |
| WMB310           | 10                        | 250               | 1P + N + E     | [1.5,6]              | 137            | 99  | 107 | 56P310        | A             |
| WMB310/LE        | 10                        | 250               | 1P + N + E     | [1.5,6]              | 137            | 99  | 40  | 56P310        | A             |
| WMB310L          | 10                        | 250               | 1P + N + E     | [1.5,6]              | 137            | 99  | 107 | 56P310L       | C             |
| WMB315           | 15                        | 250               | 1P + N + E     | [1.5,6]              | 137            | 99  | 107 | 56P315        | B             |
| WMB315/LE        | 15                        | 250               | 1P + N + E     | [1.5,6]              | 137            | 99  | 40  | 56P315        | B             |
| WMB320           | 20                        | 250               | 1P + N + E     | [2.5,6]              | 137            | 99  | 107 | 56P320        | H             |
| WMB332           | 32                        | 250               | 1P + N + E     | [6,16]               | 137            | 99  | 107 | 56P332        | I             |
| WMB410           | 10                        | 500               | 3P + E         | [1.5,6]              | 137            | 99  | 107 | 56P410        | K             |
| WMB420           | 20                        | 500               | 3P + E         | [2.5,6]              | 137            | 99  | 107 | 56P420        | L             |
| WMB432           | 32                        | 500               | 3P + E         | [4,16]               | 137            | 99  | 107 | 56P432        | N             |
| WMB463           | 63                        | 500               | 3P + E         | [10,25]              | 183            | 115 | 182 | 66P463        | A3            |
| WMB510           | 10                        | 500               | 3P + N + E     | [1.5,6]              | 137            | 99  | 107 | 56P510        | Q             |
| WMB520           | 20                        | 500               | 3P + N + E     | [2.5,6]              | 137            | 99  | 107 | 56P520        | R             |
| WMB520/LE        | 20                        | 500               | 3P + N + E     | [2.5,6]              | 137            | 99  | 40  | 56P520        | R             |
| WMB532           | 32                        | 500               | 3P + N + E     | [4,16]               | 137            | 99  | 107 | 56P532        | S             |
| WMB532/LE        | 32                        | 500               | 3P + N + E     | [4,16]               | 137            | 99  | 40  | 56P532        | S             |
| WMB563           | 63                        | 500               | 3P + N + E     | [10,25]              | 183            | 115 | 182 | 66P563        | A4            |
| WMB720           | 20                        | 500               | 3P + N + E     | [2.5,6/2.5]          | 137            | 99  | 107 | 56P720        | X             |
| WB5100           | 100                       | 500               | 3P + N + E     | -                    | 475            | 168 | 315 | P5100         | 48            |
| WB5160           | 160                       | 500               | 3P + N + E     | -                    | 475            | 168 | 315 | P5160         | 52            |
| WB563            | 63                        | 500 V             | 3P + N + E     | -                    | 203            | 118 | 178 | WMP563        | 116           |





# Switches

## Surface Switches

The Clipsal wilcoROWCO Metal Clad switches have a robust design that allows installers to install switches in extremely tough environments. The wilcoROWCO offer is available in more compact modular enclosures, (10 A to 32 A) and in two larger size enclosures (238 x 120 mm or 380 x 170 mm) to ensure there is ample cable space for larger wiring applications.

Additionally 3, 4, 6, and 7 pole switches suit 415 V in current ratings ranging from 20 A to 125 A. A provision for a 8 mm padlock is provided for locking OFF. If locking is required in ON position, simply drill a hole where necessary.

The Clipsal wilcoROWCO Metal Clad with a modular 99 mm<sup>2</sup> design allows installers to mix and match switch covers on to one, two, three, or 4 gang enclosures (bases). This modular range is available from 240 V, 10 A to 415 V, 32 A.

All switches incorporate a positive rotary switch action and a provision in the switch knob for a 8 mm padlock is also provided for locking OFF. If locking is required in ON position, simply drill a hole where necessary.

The ON and OFF positions are clearly marked with raised lettering so they will never wear off.

Less Enclosure versions are indicated with letters LE in the reference.



WMS320



WMS380

### Heavy Duty - Clipsal 56 Series

| Catalogue Number | No. of Switched Poles | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Ie (A) Utilisation Category |       | Cond. Term Size (mm) |             | O/A Dimensions. |     |     |
|------------------|-----------------------|------------------------|----------------|-----------------------------|-------|----------------------|-------------|-----------------|-----|-----|
|                  |                       |                        |                | AC21A                       | AC23A | Min                  | Max / Cond. | (H)             | (W) | (D) |
| WMS110           | 1P                    | 10                     | 250            | 10                          | 11    | [2,5,16]             |             | 137             | 99  | 123 |
| WMS110/LE        | 1P                    | 10                     | 250            | 10                          | 11    | [2,5,16]             |             | 137             | 99  | 55  |
| WMS110-DP        | 1P                    | 10                     | 250            | 10                          | 11    | [2,5,16]             |             | 137             | 99  | 123 |
| WMS110-TW        | 1P                    | 10                     | 250            | 10                          | 11    | [2,5,16]             |             | 137             | 99  | 123 |
| WMS116           | 1P                    | 16                     | 250            | 16                          | 15    | [2,5,16]             |             | 137             | 99  | 123 |
| WMS120           | 1P                    | 20                     | 250            | 20                          | 21    | [2,5,16]             |             | 137             | 99  | 123 |
| WMS120/LE        | 1P                    | 20                     | 250            | 20                          | 21    | [2,5,16]             |             | 137             | 99  | 55  |
| WMS120-TW        | 1P                    | 20                     | 250            | 20                          | 21    | [2,5,16]             |             | 137             | 99  | 123 |
| WMS210           | 2P                    | 10                     | 250            | 10                          | 11    | [2,5,16]             |             | 137             | 99  | 123 |
| WMS210/LE        | 2P                    | 10                     | 250            | 10                          | 11    | [2,5,16]             |             | 137             | 99  | 55  |
| WMS310           | 3P                    | 10                     | 500            | 10                          | 11    | [2,5,16]             |             | 137             | 99  | 123 |
| WMS320           | 3P                    | 20                     | 500            | 20                          | 21    | [2,5,16]             |             | 137             | 99  | 123 |
| WMS320/LE        | 3P                    | 20                     | 500            | 20                          | 21    | [2,5,16]             |             | 137             | 99  | 55  |
| WMS332           | 3P                    | 32                     | 500            | 32                          | 21    | [4,16]               |             | 137             | 99  | 123 |
| WMS332/LE        | 3P                    | 32                     | 500            | 32                          | 21    | [4,16]               |             | 137             | 99  | 55  |
| WMS340           | 3P                    | 40                     | 500            | 40                          | 28    | [2,5,16]             |             | 238             | 120 | 123 |
| WMS350           | 3P                    | 50                     | 500            | 50                          | 28    | [4,16]               |             | 238             | 120 | 123 |
| WMS363           | 3P                    | 63                     | 500            | 63                          | 40    | [4,16]               |             | 238             | 120 | 123 |
| WMS380           | 3P                    | 80                     | 500            | 80                          | 55    | [16,25]              |             | 380             | 170 | 123 |
| WMS3100          | 3P                    | 100                    | 500            | 100                         | 66    | [2,5,16]             |             | 380             | 170 | 123 |
| WMS3125          | 3P                    | 125                    | 500            | 125                         | 66    | [2,5,16]             |             | 380             | 170 | 123 |
| WMS420           | 3P                    | 20                     | 500            | 20                          | 21    | [2,5,16]             |             | 137             | 99  | 123 |
| WMS432           | 3P                    | 32                     | 500            | 32                          | 21    | [2,5,16]             |             | 137             | 99  | 123 |
| WMS432/LE        | 3P                    | 32                     | 500            | 32                          | 21    | [2,5,16]             |             | 137             | 99  | 55  |
| WMS440           | 3P                    | 40                     | 500            | 40                          | 28    | [6,35]               |             | 238             | 120 | 123 |
| WMS450           | 3P                    | 50                     | 500            | 50                          | 28    | [10,25]              |             | 238             | 120 | 123 |
| WMS463           | 3P                    | 63                     | 500            | 63                          | 28    | [10,25]              |             | 238             | 120 | 123 |
| WMS480           | 3P                    | 80                     | 500            | 80                          | 55    | [10,25]              |             | 380             | 170 | 123 |
| WMS620           | 3P                    | 20                     | 500            | 20                          | 21    | [2,5,10]             |             | 238             | 120 | 123 |
| WMS663           | 3P                    | 63                     | 500            | 63                          | 40    | [10,25]              |             | 380             | 170 | 123 |
| WMS732           | 3P                    | 32                     | 500            | 32                          | 21    | [4,10]               |             | 238             | 120 | 123 |

## Changeover and Reversing Switches

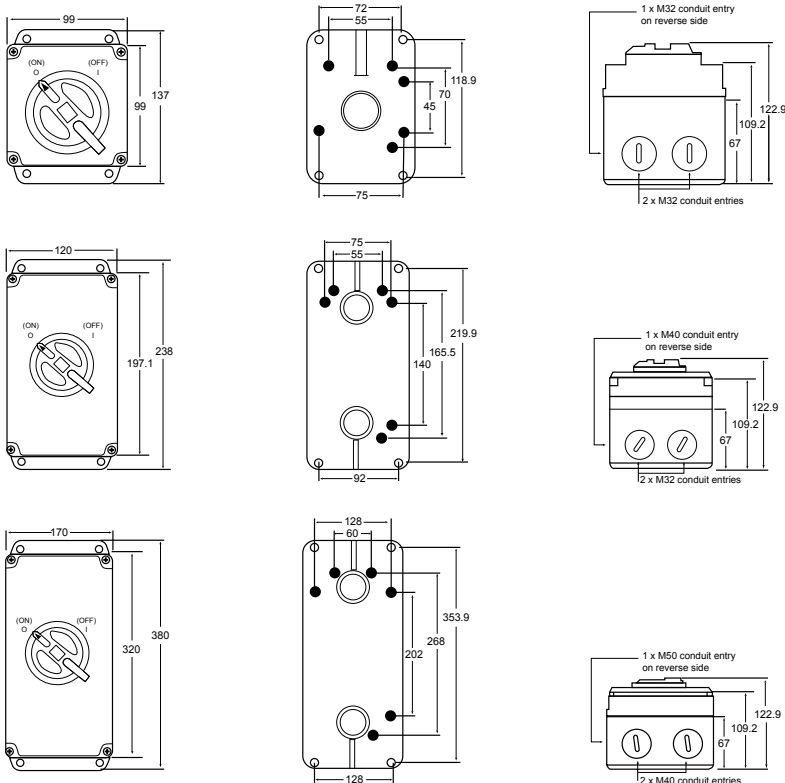
Designed to give full motor control in a unit that is rated IP66. Clipsal wilcoROWCO Changeover and Reversing Switches are housed within single modules as part of the overall modular concept of the range.

Earth and neutral connectors accommodating 3 x 6 mm<sup>2</sup> cables are provided with all models.

Option available 7 Series Cam Type Switch Mechanisms are used and therefore special configurations are available. Contact your Schneider Electric representative for more information.



### Dimensions (mm)



#### Changeover Switches WMS432C0

Isolator Switches  
WMS340  
WMS350  
WMS363  
WMS440  
WMS450  
WMS463  
WMS620  
WMS632  
WMS732

#### Changeover Switches WMS363C0

#### Reverse Switches WMS363R

Isolator Switches  
WMS380  
WMS3100  
WMS3125  
WMS480  
WMS663

### Heavy Duty - Clipsal 56 Series

| Catalogue Number | No. of Switched Poles | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Ie (A) Utilisation Category |       | Cond. Term Size (mm) | O/A Dimensions |     |     |
|------------------|-----------------------|------------------------|----------------|-----------------------------|-------|----------------------|----------------|-----|-----|
|                  |                       |                        |                | AC21A                       | AC23A |                      | (H)            | (W) | (D) |
| WMS120CO         | 1P                    | 20                     | 250            | 20                          | 21    | [2,5,16]             | 137            | 99  | 123 |
| WMS132CO         | 1P                    | 32                     | 250            | 32                          | 28    | [1,5,6]              | 137            | 99  | 123 |
| WMS320CO         | 3P                    | 20                     | 500            | 20                          | 21    | [2,5,16]             | 137            | 99  | 123 |
| WMS332CO         | 3P                    | 32                     | 500            | 32                          | 21    | [4,16]               | 137            | 99  | 123 |
| WMS363CO         | 3P                    | 63                     | 500            | 63                          | 40    | [10,25]              | 380            | 170 | 123 |
| WMS432CO         | 3P                    | 32                     | 500            | 32                          | 21    | [2,5,16]             | 238            | 120 | 123 |
| WMS320R          | 3P                    | 20                     | 500            | 20                          | 21    | [2,5,16]             | 137            | 99  | 123 |
| WMS332R          | 3P                    | 32                     | 500            | 32                          | 21    | [4,16]               | 137            | 99  | 123 |
| WMS363R          | 3P                    | 63                     | 500            | 63                          | 40    | [10,25]              | 380            | 170 | 123 |

## Push Button Control Stations

The wilcoROWCO Metal Clad Push Button Control Stations are available with Stop, Emergency Stop Mushroom Head and Start control. The modular 99 mm<sup>2</sup> design allows installers to mix and match switch covers on to one, two, three, or four gang enclosures (bases).

All control stations utilise Schneider Harmony push buttons to ensure consistency and reliable operation.

The stations are ideal in wet, dusty, or dirty conditions for controlling motor starters on pumps, saws, compressors, lathes, and processing lines.

### Features

- Heavy duty cast aluminium
- Start - High visibility yellow enclosure with Ø22 mm green push button
- Stop - High visibility yellow enclosure with Ø22 mm red push button
- Emergency Stop - High visibility enclosure with Ø39 mm mushroom head latching PB
- IP66 rated to IEC60529
- External and accessible mounting facilities
- Stainless steel (316 grade) cover mounting screws



WMPB1ST

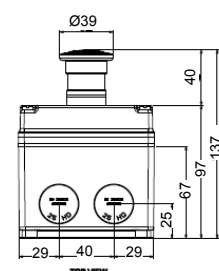


WMPB1SPML

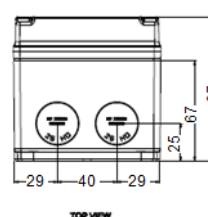
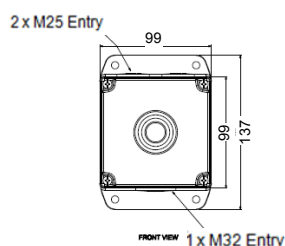
## Heavy Duty - Clipsal 56 Series

| Catalogue Number | Push Button Type              | Type of Contacts | Rated Thermal Current $I_{th}$ (Amp) | Rated Insulation Voltage $U_i$ | $I_e$ AC15 (Amp) |       |       | $U / U_e$ (Volt) | Short Circuit Protection | Cond. Term Size (mm) | O/A Dimensions |                 |         |
|------------------|-------------------------------|------------------|--------------------------------------|--------------------------------|------------------|-------|-------|------------------|--------------------------|----------------------|----------------|-----------------|---------|
|                  |                               |                  |                                      |                                | 110 V            | 240 V | 415 V |                  |                          |                      | Min            | Max / Cond. (H) | (W) (D) |
| WMPB1SP          | Momentary contact stop        | NC               | 10                                   | 600 ~                          | 6                | 3     | 1.2   | 500              | 10A with gL type fuse    | 2 x 2.5 mm           | 137            | 99              | 106     |
| WMPB1SPML        | Mushroom head latching e/stop | NC               | 10                                   | 600 ~                          | 6                | 3     | 1.2   | 500              | 10A with gL type fuse    | 2 x 2.5 mm           | 137            | 99              | 137     |
| WMPB1ST          | Momentary contact start       | NO               | 10                                   |                                | 6                | 3     | 1.2   |                  | 10A with gL type fuse    | 2 x 2.5 mm           | 137            | 99              | 106     |

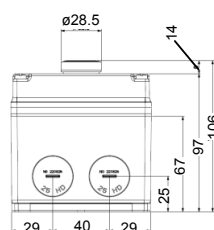
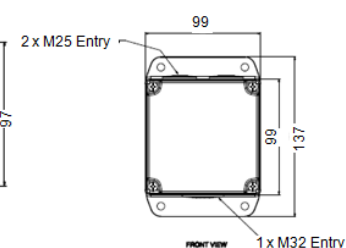
## Dimensions (mm)



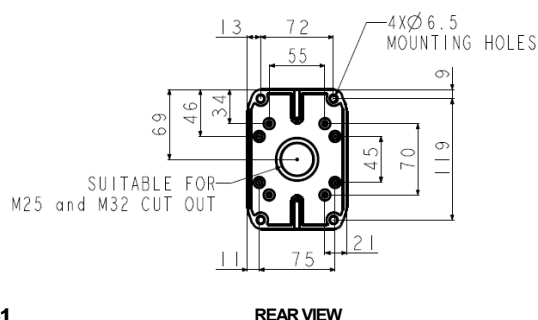
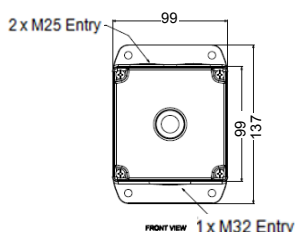
WMPB1SPML



WMJB1



WMPB1ST and WMPB1SP



WMJB1

## Appliance Inlets

Clipsal wilcoROWCO Metal Clad Appliance Inlets are available in two sizes. The 32 A ranges have a modular 99 x 201 mm design that allows installers to mix and match switch covers on to two, three, or four gang enclosures (bases). The 63 A product is larger measuring 115 mm x 183 mm which provides additional space for larger cabling.

Clipsal WilcoROWCO appliance inlets range in size from 250 V, 32A to 500 V, 63 A. They feature a downward facing, angled pin housing which enables extension socket plugs to be neatly connected without bulky right angle entry. A screwed or hydrant lock-ring is standard on all models to secure extension sockets and appliance connectors, and ensure IP66 integrity.

The Wilco WB appliance offer a range of alternative sockets for applications from 63 A to 160 A.

The 63 A version is manufactured from cast iron and the 100 A to 160 A products are manufactured from aluminium.

The Wilco range of switched fused appliance inlets are available in 5 pin socket configurations up to 200 A. They feature a 3 mm sheet steel case with cast aluminium covers.

The switch design uses 'M' Clip 'Knife Blade' type contacts capable of withstanding high fault currents.

The compression spring on the switch carriage is designed to provide quick make and quick break action for the contacts.

A cover interlock is provided to prevent the opening of the cover with the switch in the 'ON' position or closed with the cover open.



WB5100R

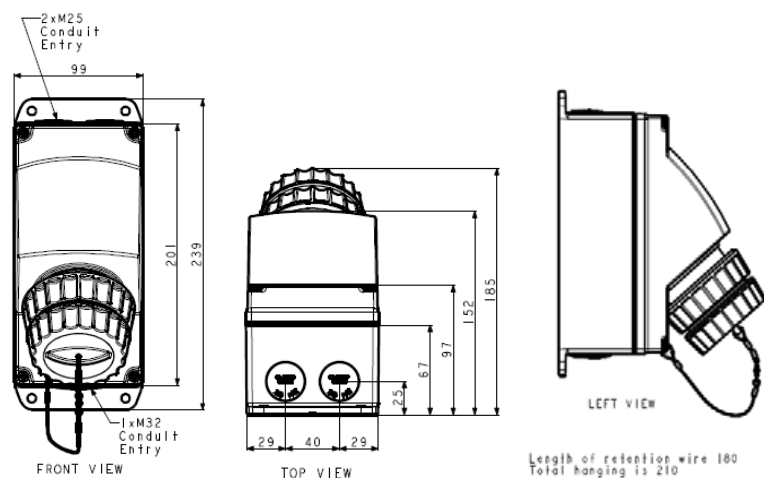
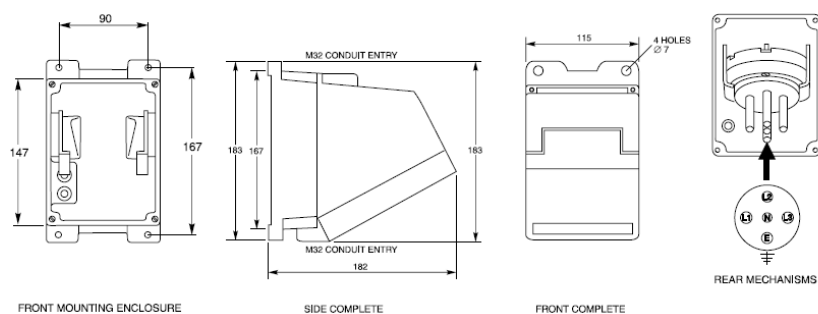


WMB332R

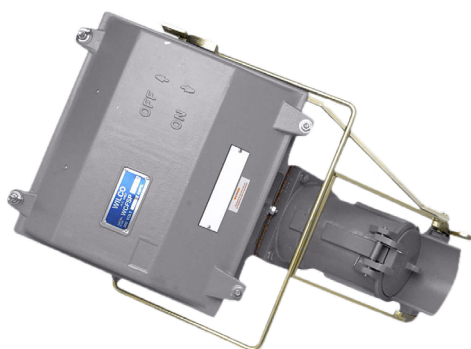
### Heavy Duty - Clipsal 56 Series

| Catalogue Number | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Type of Socket | Cond. Term Size (mm) | O/A Dimensions |     |     | Matching plug | Socket config |
|------------------|------------------------|----------------|----------------|----------------------|----------------|-----|-----|---------------|---------------|
|                  |                        |                |                | Min Max / Cond.      | (H)            | (W) | (D) |               |               |
| WMB332R          | 32                     | 250            | 1P + N + E     | [4,16]               | 239            | 99  | 185 | 56CSC332      | I             |
| WMB432R          | 32                     | 500            | 3P + E         | [4,16]               | 239            | 99  | 185 | 56CSC432      | N             |
| WMB532R          | 32                     | 500            | 3P + N + E     | [4,16]               | 239            | 99  | 185 | 56CSC532      | S             |
| WMB550R          | 50                     | 500            | 3P + N + E     | [10,25]              | 183            | 116 | 182 | WMP550        | A2            |
| WMB563R          | 63                     | 500            | 3P + N + E     | [10,25]              | 183            | 116 | 182 | WMP563        | A4            |
| WB5100R          | 100                    | 500            | 3P + N + E     | -                    | 475            | 168 | 315 | P5100         | 74            |
| WB5160R          | 160                    | 500            | 3P + N + E     | -                    | 475            | 168 | 315 | P5160         | 78            |
| WB563R           | 63                     | 500            | 3P + N + E     | -                    | 203            | 118 | 178 | WMP563        | 70            |

## Dimensions (mm)

**WMB332R and WMB532R****WMB563R**

## Switched Fused Appliance Inlets



## Heavy Duty - Clipsal 56 Series

| Catalogue Number | $I_{the}$ (Amp) | $U_i / U_e$ (Volt) | Type of Socket | O/A Dimensions |     |     | Matching plug | Socket config |
|------------------|-----------------|--------------------|----------------|----------------|-----|-----|---------------|---------------|
|                  |                 |                    |                | (H)            | (W) | (D) |               |               |
| WCFSP5100R       | 100             | 500                | 3P + N + E     | 652            | 394 | 289 | P5100         | 74            |
| WCFSP5160R       | 160             | 500                | 3P + N + E     | 652            | 394 | 289 | P5160         | 78            |
| WCFSP5200R       | 200             | 500                | 3P + N + E     | 652            | 394 | 289 | P5200         | 82            |

# Plugs

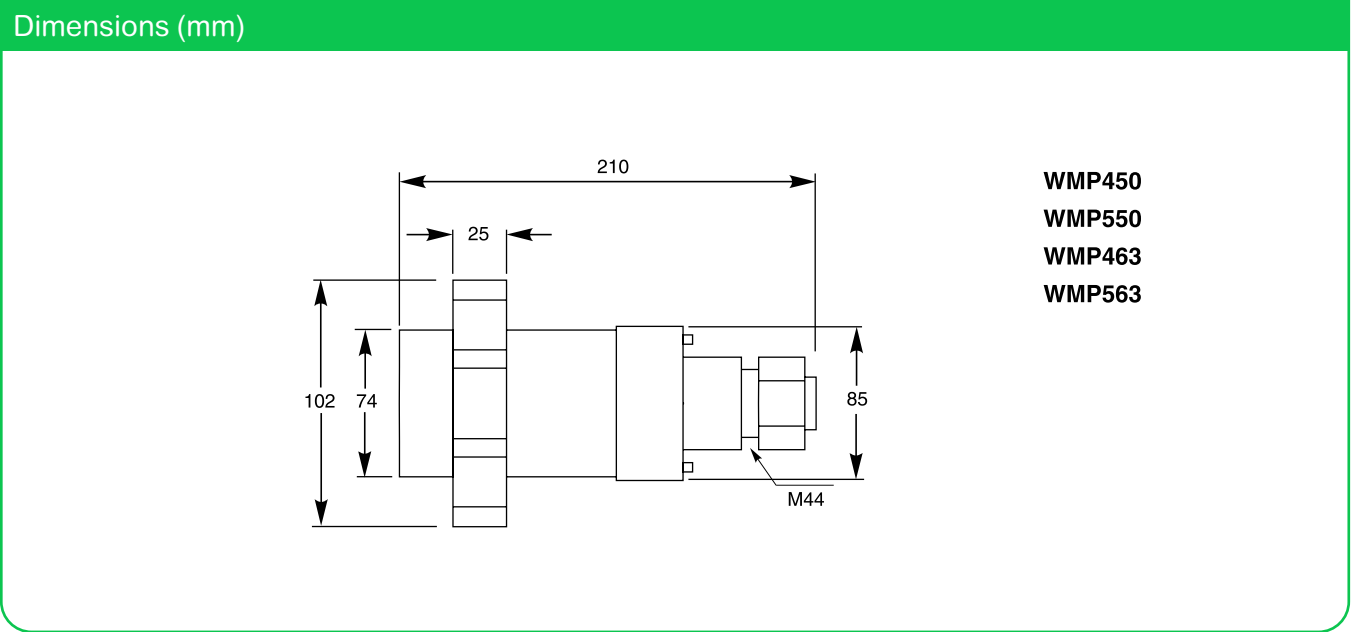
## Heavy Duty plugs

Wilco Metal Clad plugs are available from 32 A to 200 A. All are fitted with screw-rings for securing to socket outlets. This ensures IP66 rating.

The 100 A - 200 A models have two handles fitted to allow for easy insertion and extraction.



| Heavy Duty - Clipsal 56 Series |               |               |                |                 |                                    |                   |                  |
|--------------------------------|---------------|---------------|----------------|-----------------|------------------------------------|-------------------|------------------|
| Catalogue Number               | Rated Current | Rated Voltage | Number of Pins | Pin Description | Conductor Terminal mm <sup>2</sup> | Pin Configuration | Gland Nut Thread |
|                                | (A)           |               | (V)            |                 | Min / Max                          |                   |                  |
| WMP450                         | 50            | 500           | 4              | 3P + E          | [10,25]                            | A1                | M44              |
| WMP463                         | 63            | 500           | 4              | 3P + E          | [10,25]                            | A2                | M44              |
| WMP550                         | 50            | 500           | 5              | 3P + N + E      | [10,25]                            | A3                | M44              |
| WMP563                         | 63            | 500           | 5              | 3P + N + E      | [10,25]                            | A4                | M44              |
| P132                           | 32            | 500           | 3              | 3P + E          | -                                  | 22                | -                |
| P432                           | 32            | 500           | 4              | 3P + E          | -                                  | 28                | -                |
| P532                           | 32            | 500           | 5              | 3P + N + E      | -                                  | 29                | -                |
| P5100                          | 100           | 500           | 5              | 3P + N + E      | -                                  | 49                | -                |
| P5160                          | 160           | 500           | 5              | 3P + N + E      | -                                  | 53                | -                |
| P5200                          | 200           | 500           | 5              | 3P + N + E      | -                                  | 57                | -                |



## Extension Sockets and Appliance Connectors

Wilco Metal Clad appliance connectors are available from 50 A to 200 A. All are fitted with dust caps which covers the socket when the plug is not inserted.

The 100 A - 200 A models have two handles fitted to allow for easy insertion and extraction.



100 to 200A models

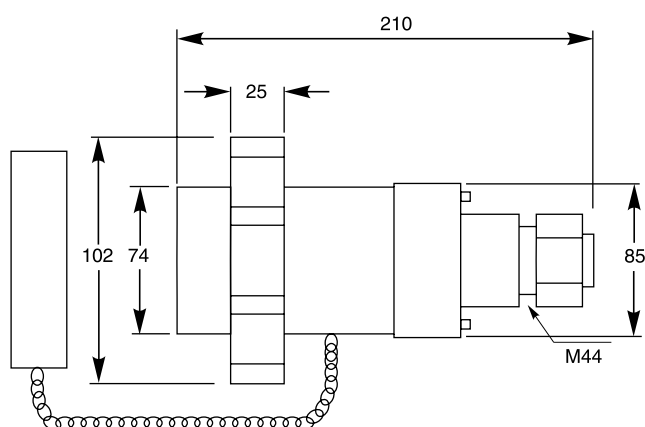


WMP 50A & 63A series

### Heavy Duty - PDL 56 Series

| Catalogue Number | Rated Current<br>(A) | Rated Voltage<br>(V) | Socket Description | Pin Configuration | Gland Nut Thread | Matching Straight Plug |
|------------------|----------------------|----------------------|--------------------|-------------------|------------------|------------------------|
| WMP463R          | 63                   | 500                  | 3P + E             | A3                | M44              | WMP463                 |
| WMP563R          | 63                   | 500                  | 3P + N + E         | A4                | M44              | WMP563                 |
| P5100R           | 100                  | 500                  | 3P + N + E         | 75                | -                | P5100                  |
| P5160R           | 160                  | 500                  | 3P + N + E         | 79                | -                | P5160                  |
| P5200R           | 200                  | 500                  | 3P + N + E         | 83                | -                | P5200                  |

### Dimensions (mm)



**WMP450R**  
**WMP550R**  
**WMP463R**  
**WMP563**



## Special Combinations and Modules

### RCD Protected Socket Outlets

The Clipsal wilcoROWCO Surface 99 x 303 mm surface mount DIN protected sockets provide important RCD protection of popular sockets. The three gang enclosure sizing is kept to a minimum so that these products can be installed into tight spaces (for example, columns or adjacent machinery). If larger DIN enclosures with sockets are required for larger cabling or plugs, then the five pin 500 V WMCDIN563 (measuring 323 x 115 mm) is available for 63 A versions. This product allows the end user to fit their preferred DIN rail mounted protection device.

#### Features

- Heavy duty cast aluminium
- DIN enclosure has high visibility yellow enclosure with transparent inspection flap
- Spring loaded socket flap with latch for added safety coverage
- WMDIN2 - 99 mm x 201 mm modular range accepts four module DIN mount products
- WMCDIN\*\*\*RC series - 99 mm x 303 mm modular range that accept 56 series plugs
- IP66 rated to IEC60529
- Padlocking facility (6 mm) in transparent flap
- External and accessible mounting facilities
- Stainless Steel (316 grade) cover mounting screws



WMCDIN563

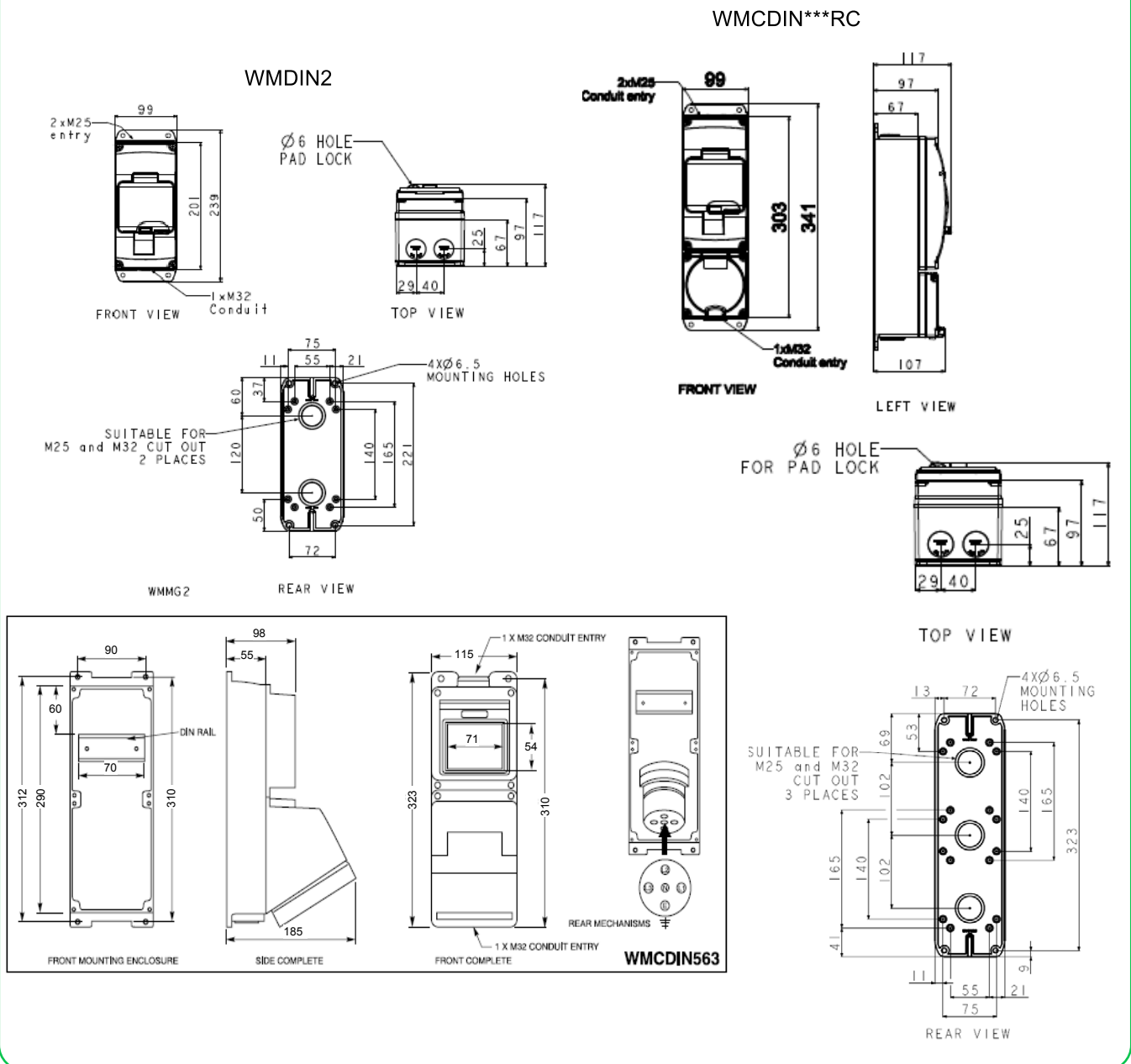


WMCDIN\*\*\*RC series

### Heavy Duty - Clipsal 56 Series

| Catalogue Number | I <sub>the</sub> (Amp) | Ui / Ue (Volt) | Protection | Number of Gangs | Cond. Term Size in mm <sup>2</sup> | O/A Dimensions |     |     | Matching Straight plug | Socket Config. |
|------------------|------------------------|----------------|------------|-----------------|------------------------------------|----------------|-----|-----|------------------------|----------------|
|                  |                        |                |            |                 | Min Max / Cond.                    | (H)            | (W) | (D) |                        |                |
| WMCDIN310RC      | 10                     | 250            | 30 mA RCD  | 3 gang          | [1.5,16]                           | 341            | 99  | 117 | 56P310                 | A              |
| WMCDIN432RC      | 32                     | 500            | 30 mA RCD  | 3 gang          | [2.5,16]                           | 341            | 99  | 117 | 56P432                 | N              |
| WMCDIN520RC      | 20                     | 500            | 30 mA RCD  | 3 gang          | [2.5,16]                           | 341            | 99  | 117 | 56P520                 | R              |
| WMCDIN532RC      | 32                     | 500            | 30 mA RCD  | 3 gang          | [4,16]                             | 341            | 99  | 117 | 56P532                 | S              |
| WMCDIN563        | 63                     | 500            | -          | -               | [16,25]                            | 323            | 115 | 185 | 66P563                 | A4             |

## Dimensions (mm)



# Mounting Enclosures (Back Boxes)

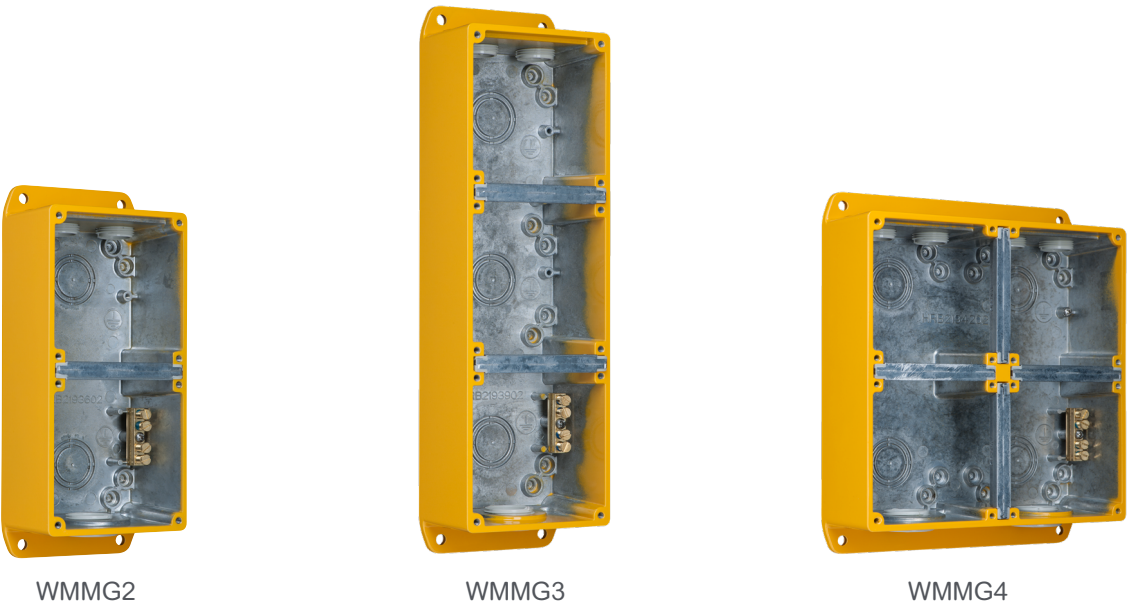
The wilcoROWCO Metal Clad multigang enclosures allow installers to mix and match either switches, sockets, DIN covers, appliance inlets, and control stations on to one, two, three, or four gang enclosures (bases). Supply cabling and internal connections are also simplified within multigangs as they reduce the need for external conduits or shielded cabling.

### Patented Bridge Divider

All multigangs are supplied with a patented bridge divider (Catalogue No. WM-BD). This unique Clipsal WilcoROWCO product ensures an IP66 rating is achieved without the need to add silicone. It will also assist with cable management within multigang enclosures. This provides peace of mind, increased safety, and is a great time saver.

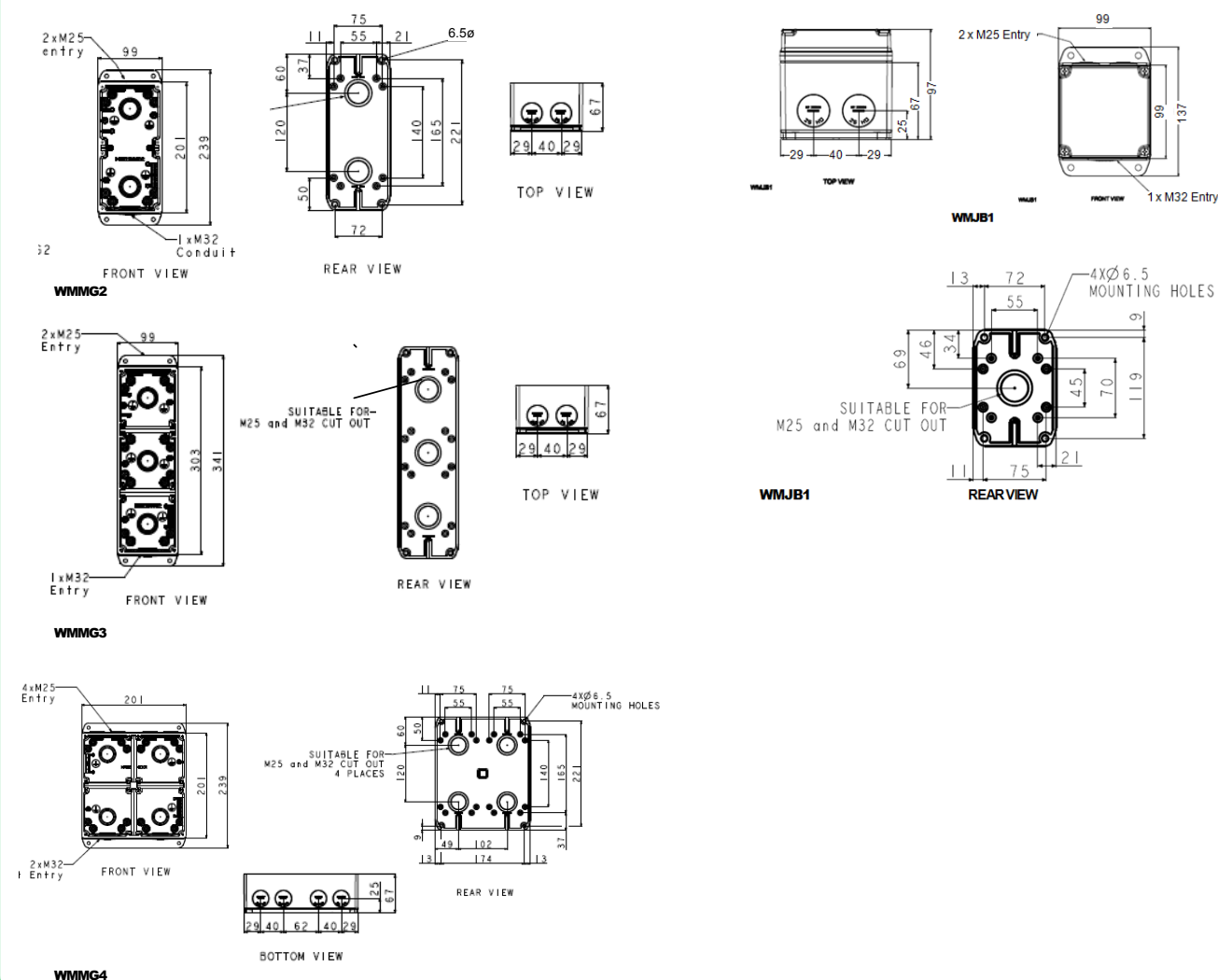
### Features

- Heavy duty cast aluminium
- IP66 rated to IEC60529 (when covers are installed)
- Modular two, three, or four gang designs
- External and accessible mounting facilities
- WM-BD bridge divider with patented design for multigangs to ensure IP ratings are maintained without the requirement to add silicone to the WM-BD



| Heavy Duty - Clipsal 56 Series |              |                |     |     |                 |                             |                        |         |
|--------------------------------|--------------|----------------|-----|-----|-----------------|-----------------------------|------------------------|---------|
| Catalogue Number               | No. of Gangs | O/A Dimensions |     |     | Matching Points | No. of Conduit Entries (mm) | Cut-out Provision (mm) | Bridges |
|                                |              | (H)            | (W) | (D) |                 |                             |                        |         |
| WMMG2                          | 2            | 239            | 99  | 67  | 8               | 2 x 25 mm - 1 x 32 mm       | 2 x 25/32              | 1       |
| WMMG3                          | 3            | 341            | 99  | 67  | 4               | 2 x 25 mm - 1 x 32 mm       | 3 x 25/32              | 2       |
| WMMG4                          | 4            | 239            | 201 | 67  | 8               | 4 x 25 mm - 2 x 32 mm       | 4 x 25/32              | 4       |

## Dimensions (mm)



## Adaptable Enclosures

## DIN Rail Accessory Mounting Cover Kits

The Clipsal wilcoROWCO Surface DIN enclosures have modular 99 x 201 mm designs that allows installers to mix and match covers on to two, three, or four gang enclosures (bases). The one piece DIN cover also means there are less access points for dust or water to penetrate.

## Features

- Heavy duty cast aluminium
- DIN enclosure has high visibility yellow enclosure with transparent inspection flap
- Spring loaded socket flap with latch for added safety coverage
- WMDIN2 - 99 mm x 201 mm modular range accepts four module DIN mount products
- IP66 rated to IEC60529
- Padlocking facility (6 mm) in transparent flap
- External and accessible mounting facilities
- Stainless steel (316 grade) cover mounting screws



## Heavy Duty - Clipsal 56 Series

| Catalogue Number | Ui/Ue (Volt) | Neon Voltage (Volt) | Module Type    | No. of Poles | Module Width | O/A Dimensions |        |        |
|------------------|--------------|---------------------|----------------|--------------|--------------|----------------|--------|--------|
|                  |              |                     |                |              |              | L (mm)         | W (mm) | D (mm) |
| WMDIN2           | 240 / 440    | 240 / 415           | 1P, 2P, 3P MCB | 4 RCD        | 4 Max        | 239            | 99     | 117    |

## Junction Boxes



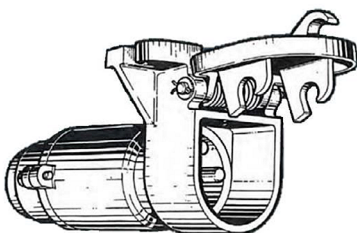
## Heavy Duty - Clipsal 56 Series

| Catalogue Number | Number of Gangs | Conduit Entries      | Cut Outs  | O/A Dimensions |        |        |
|------------------|-----------------|----------------------|-----------|----------------|--------|--------|
|                  |                 |                      |           | L (mm)         | W (mm) | D (mm) |
| WMJB1            | 1               | 2 x 25 mm, 1 x 32 mm | 1 x 25/32 | 137            | 99     | 97     |

## Railway Couplers

### Heavy Duty - Clipsal 56 Series

| Catalogue Number | Description                                | Pin Description                          | Rated Current     |                   | Rated Voltage (V) | Number of Pins | Conductor Terminal mm <sup>2</sup> | O/A Dimensions |     |     |     |
|------------------|--------------------------------------------|------------------------------------------|-------------------|-------------------|-------------------|----------------|------------------------------------|----------------|-----|-----|-----|
|                  |                                            |                                          | small contact (A) | large contact (A) |                   |                |                                    | Min / Max      | (H) | (W) | (D) |
| PP2004           | 4 Pin Recepticle                           | 3 x large, 1 x small with scraping earth | 30                | 250               | 500               | 4              | 15 large, 3.2 small                | 165            | 178 | 326 |     |
| P2004PLUG-AL     | 4 Pin Plug Aluminium                       | 3 x large, 1 x small with scraping earth | 30                | 250               | 500               | 4              | 15 large, 4 small                  | 205            | 139 | 387 |     |
| P2004-S1008      | V Line Dummy Plug and Lever                | -                                        | -                 | -                 | -                 | -              | -                                  | 205            | 139 | 387 |     |
| P2004S1008AL     | Dummy Plug V Line Aluminium                | -                                        | -                 | -                 | -                 | -              | -                                  | 205            | 139 | 387 |     |
| PP4415-12        | 44 Pin Recepticle 12 O' Clock Keyway       | 44 pins                                  | 15                | -                 | 50 VDC            | 44             | 0.25                               | -              | -   | -   |     |
| PP44-12          | 44 Pin Dummy Recepticle 12 O' Clock Keyway | -                                        | -                 | -                 | -                 | -              | -                                  | -              | -   | -   |     |



## Accessories and Spare Parts

### Switch, Socket, and Switched Socket Outlet Accessories

All WCFS cable entries are supplied with cork and neoprene gaskets, bolts, nuts, and washers.



#### Heavy Duty - Clipsal 56 Series

| Catalogue Number | Description                             | Compatibility | Current (Amp) | O/A Dimensions |     |     |
|------------------|-----------------------------------------|---------------|---------------|----------------|-----|-----|
|                  |                                         |               | Range         | (H)            | (W) | (D) |
| WCFS20-B         | Standard cable entry for 100 A to 200 A | WCFS products | 100 - 200     | 313            | 141 | 102 |
| WCFS6-B          | Standard cable entry for 63 A           | WCFS products | 63            | 214            | 88  | 48  |
| WB5160RS1003     | socket inlet for WB5160R                | WB5160R       | 160           | -              | -   | -   |

### Mounting Enclosure (Back Box) Accessories

#### Patented Bridge Divider

All multigangs are supplied with a patented bridge divider (Catalogue No. WM-BD). This unique Clipsal product ensures an IP66 rating is achieved without the need to add silicone. It also assists with cable management within multigang enclosures.

The WM-BD is also available separately as a spare part.



#### Heavy Duty - Clipsal 56 Series

| Catalogue Number | Description                         | Colour    |
|------------------|-------------------------------------|-----------|
| WM-BD            | Clipsal wilcoRowco enclosure bridge | Aluminium |



WMMG4 using WM-BD  
bridge dividers

# Technical Guide

| Chemical Resistance Guide                |                         |                              |                                                   |                           |       |
|------------------------------------------|-------------------------|------------------------------|---------------------------------------------------|---------------------------|-------|
| Chemical type                            | All Mounting Enclosures | Grey (GY) Transparent Covers | Resistant Orange (RO) Resistant White (RW) Covers | Chemical Grey (CG) Covers | Plugs |
| Acids                                    |                         |                              |                                                   |                           |       |
| Hydrochloric 10%                         | R                       | R                            | R                                                 | R                         | R     |
| Nitric 10%                               | R                       | LR                           | R                                                 | R                         | LR    |
| Acetic acid 10%                          | R                       | R                            | R                                                 | LR                        | LR    |
| Sulphuric 100%                           | R                       | LR                           | R                                                 | LR                        | LR    |
| Alkalis                                  |                         |                              |                                                   |                           |       |
| Sodium hydroxide 10% (Caustic soda)      | R                       | NR                           | LR                                                | R                         | LR    |
| Potassium hydroxide 100%                 | LR                      | NR                           | NR                                                | R                         | LR    |
| Sanitising solutions                     |                         |                              |                                                   |                           |       |
| Chlorinated alkaline foaming cleaner 10% | R                       | NR                           | NR                                                | R                         | LR    |
| Ammonium sanitiser                       | R                       | NR                           | NR                                                | R                         | LR    |
| Vegetable oils                           |                         |                              |                                                   |                           |       |
| Olive oil                                | R                       | NR                           | NR                                                | R                         | LR    |
| Canola oil                               | R                       | NR                           | NR                                                | R                         | LR    |
| Solvents                                 |                         |                              |                                                   |                           |       |
| Methane                                  | LR                      | R                            | R                                                 | -                         | R     |
| Propane                                  | R                       | R                            | R                                                 | -                         | R     |
| Ethylene glycol                          | R                       | R                            | R                                                 | -                         | R     |
| Glycerol (Glycerine)                     | R                       | LR                           | LR                                                | R                         | R     |
| Methyl alcohol (Methanol)                | R                       | R                            | R                                                 | LR                        | R     |
| Ethyl alcohol (Ethanol)                  | R                       | R                            | R                                                 |                           | R     |
| Aniline                                  | NR                      | NR                           | NR                                                | NR                        | LR    |
| Methyl benzene                           | NR                      | NR                           | LR                                                | NR                        | LR    |
| Xylene                                   | NR                      | NR                           | LR                                                | NR                        | LR    |
| Dimethyl ethyl                           | R                       | R                            | R                                                 | -                         | R     |
| Acetone                                  | R                       | LR                           | LR                                                | LR                        | LR    |
| Acetophenone                             | NR                      | NR                           | LR                                                | NR                        | LR    |
| Ethyl methyl ketone                      | NR                      | NR                           | LR                                                | NR                        | R     |
| Isopropyl Alcohol                        | -                       | R                            | R                                                 | NR                        | R     |



## Chemical Resistance Guide

| Chemical type                           | All Mounting Enclosures | Grey (GY) Transparent Covers | Resistant Orange (RO) Resistant White (RW) Covers | Chemical Grey (CG) Covers | Plugs |
|-----------------------------------------|-------------------------|------------------------------|---------------------------------------------------|---------------------------|-------|
| Automotive                              |                         |                              |                                                   |                           |       |
| Unleaded Petroleum                      | R                       | NR                           | NR                                                | R                         | LR    |
| Diesel                                  | -                       | R                            | R                                                 | NR                        | LR    |
| Brake Fluid                             | -                       | NR                           | NR                                                | NR                        | LR    |
| Grease at 60 °C (Rocol 12475)           | -                       | LR                           | LR                                                | -                         | -     |
| Grease at 60°C (Rocol Sapphire Hi Temp) | -                       | LR                           | LR                                                | -                         | -     |
| Lubricating oil (10w/40)                | -                       | -                            | -                                                 | -                         | R     |
| Hydraulic oil (Hf-105L)                 | -                       | -                            | -                                                 | -                         | R     |
| Oxidising agents                        |                         |                              |                                                   |                           |       |
| Sodium hypochlorite 5%                  | R                       | R                            | R                                                 | R                         | LR    |
| Hydrogen peroxide 30%                   | R                       | R                            | R                                                 | R                         | LR    |
| Water                                   |                         |                              |                                                   |                           |       |
| Ambient                                 | R                       | R                            | R                                                 | R                         | R     |
| Hot > 60 °C                             | R                       | R                            | R                                                 | R                         | LR    |
| Miscellaneous                           |                         |                              |                                                   |                           |       |
| Detergent @ 50 °C                       | R                       | LR                           | NR                                                | R                         | LR    |
| Magnesium sulphate                      | R                       | R                            | R                                                 | -                         | R     |
| Salts                                   |                         |                              |                                                   |                           |       |
| Calcium Chloride 10%                    | R                       | R                            | R                                                 | R                         | LR    |
| Sodium Chloride 5%                      | R                       | R                            | R                                                 | R                         | R     |
| Ammonium Hydroxide 100%                 | R                       | R                            | R                                                 | R                         | R     |

This table should be used as a guide only. The end user should evaluate the suitability of any chemical with any plastic.

Resistant  Limited Resistance  Not Resistant 

When products are required to use in environments with high concentrations of acids, bases, or oils, it is recommended to contact your local Schneider Electric office for support.

# Technical Guide

## Industrial Application Matrix



### Retail and wholesale trade buildings

|                                                                       |                                                                                                                                                                                                   |                                                                                                                                                                              |                                                                                                                                                                     |
|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Supermarket (Coles, Woolies etc)                                      | <ul style="list-style-type: none"> <li>Plant Rooms</li> <li>Pedestrian Traffic Areas</li> <li>Staff Lunchroom</li> <li>Cool Room For Perishable Storage</li> </ul>                                | <ul style="list-style-type: none"> <li>Staff Or Public Car Park</li> <li>Toilets / Wet Areas</li> <li>Office</li> <li>Food Preparation Area / Kitchen</li> </ul>             | <ul style="list-style-type: none"> <li>Rooftop Plant Platforms</li> <li>Outdoor Lighting</li> <li>Public Eating Area</li> </ul>                                     |
| Department Store                                                      | <ul style="list-style-type: none"> <li>Plant Rooms</li> <li>Pedestrian Traffic Areas</li> <li>Staff Lunchroom</li> <li>Public Eating Area</li> </ul>                                              | <ul style="list-style-type: none"> <li>Warehouse</li> <li>Staff Or Public Car Park</li> <li>Toilets / Wet Areas</li> </ul>                                                   | <ul style="list-style-type: none"> <li>Office</li> <li>Outdoor Lighting</li> <li>Rooftop Plant Platforms</li> </ul>                                                 |
| Shopping Centre                                                       | <ul style="list-style-type: none"> <li>Plant Rooms</li> <li>Pedestrian Traffic Areas</li> <li>Staff Lunchroom</li> <li>Public Eating Area</li> </ul>                                              | <ul style="list-style-type: none"> <li>Staff or Public Car Park</li> <li>Toilets / Wet Areas</li> <li>Office</li> </ul>                                                      | <ul style="list-style-type: none"> <li>Food Preparation Area / Kitchen</li> <li>Rooftop Plant Platforms</li> <li>Outdoor Lighting</li> </ul>                        |
| Outdoor Mall                                                          | <ul style="list-style-type: none"> <li>Plant Rooms</li> <li>Pedestrian Traffic Areas</li> <li>Staff Lunchroom</li> </ul>                                                                          | <ul style="list-style-type: none"> <li>Public Eating Area</li> <li>Staff Or Public Car Park</li> <li>Toilets / Wet Areas</li> </ul>                                          | <ul style="list-style-type: none"> <li>Office</li> <li>Outdoor Lighting</li> <li>Rooftop Plant Platforms</li> </ul>                                                 |
| Fast Food Outlet (McD's, KFC, Chicken / Fish & Chip, etc)             | <ul style="list-style-type: none"> <li>Public Eating Area</li> <li>Cool Room for Perishable Storage</li> <li>Exposure to Detergents</li> <li>Exposure to Acids / Citrus Based Cleaners</li> </ul> | <ul style="list-style-type: none"> <li>Exposure to Cooking Oil</li> <li>Staff or Public Car Park</li> <li>Toilets / Wet Areas</li> <li>Office</li> </ul>                     | <ul style="list-style-type: none"> <li>Food Preparation Area / Kitchen</li> <li>Rooftop Plant Platforms</li> <li>Outdoor Lighting</li> <li>Plant Rooms</li> </ul>   |
| Restaurants / Café's / Bakery / Commercial Kitchen / Mobile Food Vans | <ul style="list-style-type: none"> <li>Public Eating Area</li> <li>Cool Room for Perishable Storage</li> <li>Exposure to Detergents</li> <li>Exposure to Acids / Citrus Based Cleaners</li> </ul> | <ul style="list-style-type: none"> <li>Exposure to Cooking Oil</li> <li>Staff or Public Car Park</li> <li>Toilets / Wet Areas</li> <li>Office</li> </ul>                     | <ul style="list-style-type: none"> <li>Food Preparation Area / Kitchen</li> <li>Rooftop Plant Platforms</li> <li>Outdoor Lighting</li> <li>Plant Rooms</li> </ul>   |
| Butchers                                                              | <ul style="list-style-type: none"> <li>Pedestrian Traffic Areas</li> <li>Cool Room for Perishable Storage</li> <li>Exposure to Alkali's</li> </ul>                                                | <ul style="list-style-type: none"> <li>Toilets / Wet Areas</li> <li>Food Preparation Area / Kitchen</li> <li>Outdoor Lighting</li> </ul>                                     | <ul style="list-style-type: none"> <li>Staff Lunchroom</li> <li>Staff or Public Car Park</li> <li>Office</li> </ul>                                                 |
| Car Wash                                                              | <ul style="list-style-type: none"> <li>Plant Rooms, Pedestrian Traffic Areas</li> <li>Exposure to Detergents</li> <li>Toilets / Wet Areas</li> </ul>                                              | <ul style="list-style-type: none"> <li>Food Preparation Area / Kitchen</li> <li>Outdoor Lighting</li> <li>Staff Lunchroom</li> </ul>                                         | <ul style="list-style-type: none"> <li>Staff or Public Car Park</li> <li>Office</li> <li>Rooftop Plant Platforms</li> </ul>                                         |
| Petrol Stations / Garage                                              | <ul style="list-style-type: none"> <li>Maintenance Workshop</li> <li>Staff or Public Car Park</li> <li>Toilets / Wet Areas</li> <li>Outdoor Lighting</li> </ul>                                   | <ul style="list-style-type: none"> <li>Plant Rooms, Pedestrian Traffic Areas</li> <li>Staff Lunchroom</li> <li>Public Eating Area</li> <li>Exposure to Detergents</li> </ul> | <ul style="list-style-type: none"> <li>Exposure to Cooking Oil</li> <li>Office</li> <li>Food Preparation Area / Kitchen</li> <li>Rooftop Plant Platforms</li> </ul> |
| Generator or Hire Equipment (mobile fridges, scissor lifts, etc)      | <ul style="list-style-type: none"> <li>Maintenance Workshop</li> <li>Pedestrian Traffic Areas</li> <li>Staff Lunchroom</li> <li>Despatch / Vehicle Loading / Transport Area</li> </ul>            | <ul style="list-style-type: none"> <li>Staff or Public Car Park</li> <li>Toilets / Wet Areas</li> <li>Office</li> <li>Outdoor Lighting</li> </ul>                            | <ul style="list-style-type: none"> <li>Plant Rooms</li> <li>Exposure to Detergents</li> <li>Rooftop Plant Platforms</li> </ul>                                      |



### Transport buildings

|                                                     |                                                                                                                                                                                            |                                                                                                                                      |                                                                                                                                                |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Transport Depot freight (road / rail / water) air   | <ul style="list-style-type: none"> <li>Staff Lunchroom</li> <li>Despatch / Vehicle Loading / Transport Area</li> <li>Staff or Public Car Park</li> </ul>                                   | <ul style="list-style-type: none"> <li>Toilets / Wet Areas</li> <li>Office</li> <li>Outdoor Lighting</li> </ul>                      | <ul style="list-style-type: none"> <li>Maintenance Workshop</li> <li>Plant Rooms</li> <li>Rooftop Plant Platforms</li> </ul>                   |
| Transport Depot passenger (road / rail / water) air | <ul style="list-style-type: none"> <li>Pedestrian Traffic Areas</li> <li>Staff Lunchroom</li> <li>Despatch / Vehicle Loading / Transport Area</li> <li>Staff Or Public Car Park</li> </ul> | <ul style="list-style-type: none"> <li>Toilets / Wet Areas</li> <li>Office</li> <li>Outdoor Lighting</li> <li>Plant Rooms</li> </ul> | <ul style="list-style-type: none"> <li>Public Eating Area</li> <li>Food Preparation Area / Kitchen</li> <li>Rooftop Plant Platforms</li> </ul> |

## Industrial Application Matrix

|                  |                                                                                                                                                                   |                                                                                                                                          |                                                                                                                               |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Marina / Jetties | <ul style="list-style-type: none"> <li>• Pedestrian Traffic Areas</li> <li>• Staff or Public Car Park</li> <li>• Toilets / Wet Areas</li> <li>• Office</li> </ul> | <ul style="list-style-type: none"> <li>• Boat Washdown</li> <li>• Outdoor Lighting</li> <li>• Food Preparation Area / Kitchen</li> </ul> | <ul style="list-style-type: none"> <li>• Rooftop Plant Platforms</li> <li>• Conveyor Belt</li> <li>• Outdoor Bbq's</li> </ul> |
| Car Parks        | <ul style="list-style-type: none"> <li>• Plant Rooms</li> <li>• Pedestrian Traffic Areas</li> <li>• Staff or Public Car Park</li> </ul>                           | <ul style="list-style-type: none"> <li>• Office</li> <li>• Outdoor Lighting</li> </ul>                                                   | <ul style="list-style-type: none"> <li>• Toilets / Wet Areas</li> <li>• Rooftop Plant Platforms</li> </ul>                    |



### Offices

|                  |                                                                                                                                                          |                                                                                                                                        |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Office Buildings | <ul style="list-style-type: none"> <li>• Staff lunchroom</li> <li>• Staff or public car park</li> <li>• Toilets / wet areas</li> <li>• Office</li> </ul> | <ul style="list-style-type: none"> <li>• Rooftop plant platforms</li> <li>• Plant rooms</li> <li>• Pedestrian traffic areas</li> </ul> |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|



### Commercial buildings n.e.c.

|                                            |                                                                                                                                                                     |                                                                                                                                             |                                                                                                                                                      |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fire Station                               | <ul style="list-style-type: none"><li>• Staff lunchroom</li><li>• Exposure to detergents</li><li>• Staff or public car park</li><li>• Toilets / wet areas</li></ul> | <ul style="list-style-type: none"><li>• Office</li><li>• Outdoor lighting</li><li>• Plant rooms</li><li>• Rooftop plant platforms</li></ul> |                                                                                                                                                      |
| Court House                                | <ul style="list-style-type: none"><li>• Staff lunchroom</li><li>• Staff or public car park</li><li>• Toilets / wet areas</li><li>• Office</li></ul>                 | <ul style="list-style-type: none"><li>• Outdoor lighting</li><li>• Plant rooms</li><li>• Rooftop plant platforms</li></ul>                  |                                                                                                                                                      |
| Police station / Gaols / Detention centres | <ul style="list-style-type: none"><li>• Staff lunchroom</li><li>• Staff or public car park</li><li>• Toilets / wet areas</li></ul>                                  | <ul style="list-style-type: none"><li>• Office</li><li>• Outdoor lighting</li><li>• Plant rooms</li></ul>                                   | <ul style="list-style-type: none"><li>• Exposure to detergents</li><li>• Food preparation area / kitchen</li><li>• Rooftop plant platforms</li></ul> |



### Factories and other secondary production buildings

|                                                               |                                                                                                                                                                                                                                           |                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Assembly Plant (CHCH, GX etc)                                 | <ul style="list-style-type: none"> <li>• Staff lunchroom</li> <li>• Warehouse</li> <li>• Assembly plant / fabrication area</li> <li>• despatch / vehicle loading / transport area</li> </ul>                                              | <ul style="list-style-type: none"> <li>• Staff or public car park</li> <li>• Toilets / wet areas</li> <li>• Office</li> <li>• Rooftop plant platforms</li> </ul>                                                  | <ul style="list-style-type: none"> <li>• Tool room or general fabrication workshop</li> <li>• Plant rooms</li> <li>• Cool room for perishable storage</li> <li>• Conveyor belt</li> </ul>                                                                                      |
| Dairy / Abbatoir / Food (Inghams, Fonterra, Thomas Foods etc) | <ul style="list-style-type: none"> <li>• Plant rooms</li> <li>• Staff lunchroom</li> <li>• Cool room for perishable storage</li> <li>• Warehouse</li> <li>• Exposure to alkali's</li> </ul>                                               | <ul style="list-style-type: none"> <li>• Exposure to detergents</li> <li>• Despatch / vehicle loading / transport area</li> <li>• Staff or public car park</li> <li>• Toilets / wet areas</li> </ul>              | <ul style="list-style-type: none"> <li>• Office</li> <li>• Rooftop plant platforms</li> <li>• Maintenance workshop</li> <li>• Conveyor belt</li> </ul>                                                                                                                         |
| Foundry (Glass producer, cast metal production)               | <ul style="list-style-type: none"> <li>• Staff lunchroom</li> <li>• Warehouse</li> <li>• Minerals processing / furnaces</li> <li>• despatch / vehicle loading / transport area</li> <li>• Staff or public car park</li> </ul>             | <ul style="list-style-type: none"> <li>• Toilets / wet areas</li> <li>• Office</li> <li>• Tool room or general fabrication workshop</li> </ul>                                                                    | <ul style="list-style-type: none"> <li>• Plant rooms</li> <li>• Rooftop plant platforms</li> <li>• Conveyor belt</li> </ul>                                                                                                                                                    |
| Chemical Plant                                                | <ul style="list-style-type: none"> <li>• Plant rooms</li> <li>• Staff lunchroom</li> <li>• Warehouse</li> <li>• Despatch / vehicle loading / transport area</li> <li>• staff or public car park</li> <li>• Toilets / wet areas</li> </ul> | <ul style="list-style-type: none"> <li>• Office</li> <li>• Maintenance workshop</li> <li>• Tool room or general fabrication workshop</li> <li>• Exposure to alkali's</li> <li>• Exposure to detergents</li> </ul> | <ul style="list-style-type: none"> <li>• Exposure to acids / citrus based cleaners</li> <li>• Minerals processing / furnaces</li> <li>• Outdoor storage tanks / ponds / silos</li> <li>• Rooftop plant platforms</li> <li>• Bottling plant</li> <li>• Conveyor belt</li> </ul> |

## Industrial Application Matrix

|                                                                    |                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                |
|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Minerals processing<br>(mining site or secondary production plant) | <ul style="list-style-type: none"> <li>Plant rooms</li> <li>Staff lunchroom</li> <li>Warehouse</li> <li>Minerals processing / furnaces</li> <li>Despatch / vehicle loading / transport area</li> <li>Staff or public car park</li> <li>Toilets / wet areas</li> </ul>                             | <ul style="list-style-type: none"> <li>Office</li> <li>Maintenance workshop</li> <li>Tool room or general fabrication workshop</li> <li>Cool room for perishable storage</li> <li>Exposure to alkali's</li> <li>Exposure to detergents</li> </ul> | <ul style="list-style-type: none"> <li>Exposure to acids / citrus based cleaners</li> <li>Outdoor storage tanks / ponds / silos</li> <li>Rooftop plant platforms</li> <li>Bottling plant</li> <li>Conveyor belt</li> </ul>     |
| General Fabricator                                                 | <ul style="list-style-type: none"> <li>Maintenance workshop</li> <li>Tool room or general fabrication workshop</li> <li>Staff lunchroom</li> <li>Staff or public car park</li> <li>Toilets / wet areas</li> </ul>                                                                                 | <ul style="list-style-type: none"> <li>Office</li> <li>Plant rooms</li> <li>Warehouse</li> <li>Assembly plant / fabrication area</li> <li>Exposure to detergents</li> </ul>                                                                       | <ul style="list-style-type: none"> <li>Exposure to acids / citrus based cleaners</li> <li>Despatch / vehicle loading / transport area</li> <li>Rooftop plant platforms</li> </ul>                                              |
| Winery, Brewery, Distillery                                        | <ul style="list-style-type: none"> <li>Staff lunchroom</li> <li>Cool room for perishable storage</li> <li>Warehouse</li> <li>Outdoor storage tanks / ponds / silos</li> <li>Despatch / vehicle loading / transport area</li> <li>Staff or public car park</li> <li>Toilets / wet areas</li> </ul> | <ul style="list-style-type: none"> <li>Office</li> <li>Bottling plant</li> <li>Maintenance workshop</li> <li>Plant rooms</li> <li>Pedestrian traffic areas</li> <li>Public eating area</li> <li>Exposure to detergents</li> </ul>                 | <ul style="list-style-type: none"> <li>Exposure to acids / citrus based cleaners</li> <li>Bottle / vat sterilising</li> <li>Food preparation area / kitchen</li> <li>Rooftop plant platforms</li> <li>Conveyor belt</li> </ul> |
| Cabinet Maker / Spray Painter                                      | <ul style="list-style-type: none"> <li>Maintenance workshop</li> <li>Staff lunchroom</li> <li>Staff or public car park</li> <li>Toilets / wet areas</li> <li>Office</li> </ul>                                                                                                                    | <ul style="list-style-type: none"> <li>Assembly plant / fabrication area</li> <li>Despatch / vehicle loading / transport area</li> <li>Rooftop plant platforms</li> </ul>                                                                         |                                                                                                                                                                                                                                |
| Motor / Rail body builder                                          | <ul style="list-style-type: none"> <li>Maintenance workshop</li> <li>Staff lunchroom</li> <li>Staff or public car park</li> <li>Toilets / wet areas</li> </ul>                                                                                                                                    | <ul style="list-style-type: none"> <li>Office</li> <li>Tool room or general fabrication workshop</li> <li>Plant rooms</li> </ul>                                                                                                                  | <ul style="list-style-type: none"> <li>Assembly plant / fabrication area</li> <li>Despatch / vehicle loading / transport area</li> <li>Rooftop plant platforms</li> </ul>                                                      |



### Warehouses / Distribution Centres

|                                                               |                                                                                                                                                                                       |                                                                                                                                                       |                                                                                                                                                             |
|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Refrigerated Storage<br>(Perishables such as food & beverage) | <ul style="list-style-type: none"> <li>Plant rooms</li> <li>Staff lunchroom</li> <li>Cool room for perishable storage</li> <li>Despatch / vehicle loading / transport area</li> </ul> | <ul style="list-style-type: none"> <li>Staff or public car park</li> <li>Toilets / wet areas</li> <li>Office</li> <li>Maintenance workshop</li> </ul> | <ul style="list-style-type: none"> <li>Tool room or general fabrication workshop</li> <li>Warehouse</li> <li>Rooftop plant platforms</li> </ul>             |
| General Storage<br>(non-perishable items)                     | <ul style="list-style-type: none"> <li>Staff lunchroom</li> <li>Despatch / vehicle loading / transport area</li> <li>Staff or public car park</li> <li>Toilets / wet areas</li> </ul> | <ul style="list-style-type: none"> <li>Office</li> <li>Maintenance workshop</li> <li>Tool room or general fabrication workshop</li> </ul>             | <ul style="list-style-type: none"> <li>Plant rooms</li> <li>Cool room for perishable storage</li> <li>Warehouse</li> <li>Rooftop plant platforms</li> </ul> |



### Agricultural and aquacultural buildings

|                                                |                                                                                                                                                                                                                               |                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                    |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Farm Out Buildings (Barns, shearing sheds etc) | <ul style="list-style-type: none"> <li>Maintenance workshop</li> </ul>                                                                                                                                                        |                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                    |
| Primary production<br>(milking shed)           | <ul style="list-style-type: none"> <li>Despatch / vehicle loading / transport area</li> <li>Office</li> <li>Maintenance workshop</li> <li>Plant rooms</li> <li>Cool room for perishable storage</li> </ul>                    | <ul style="list-style-type: none"> <li>Exposure to alkali's</li> <li>Exposure to detergents</li> <li>Outdoor storage tanks / ponds / silos</li> <li>Staff or public car park</li> <li>Toilets / wet areas</li> </ul> |                                                                                                                                                                                                                                                                    |
| Aquaculture / Fish Farms                       | <ul style="list-style-type: none"> <li>Staff lunchroom</li> <li>Warehouse</li> <li>Minerals processing / furnaces</li> <li>despatch / vehicle loading / transport area</li> <li>Staff or public car park</li> </ul>           | <ul style="list-style-type: none"> <li>Toilets / wet areas</li> <li>Office</li> <li>Tool room or general fabrication workshop</li> </ul>                                                                             | <ul style="list-style-type: none"> <li>Plant rooms</li> <li>Rooftop plant platforms</li> <li>Conveyor belt</li> </ul>                                                                                                                                              |
| Wheat Silo / Storage                           | <ul style="list-style-type: none"> <li>Plant rooms</li> <li>Staff lunchroom</li> <li>Warehouse</li> <li>Despatch / vehicle loading / transport area</li> <li>staff or public car park</li> <li>Toilets / wet areas</li> </ul> | <ul style="list-style-type: none"> <li>Office</li> <li>Maintenance workshop</li> <li>Tool room or general fabrication workshop</li> <li>Exposure to alkali's</li> <li>Exposure to detergents</li> </ul>              | <ul style="list-style-type: none"> <li>Exposure to acids / citrus based cleaners</li> <li>Minerals processing / furnaces</li> <li>Outdoor storage tanks / ponds / silos</li> <li>Rooftop plant platforms</li> <li>Bottling plant</li> <li>Conveyor belt</li> </ul> |

## Industrial Application Matrix



## Other industrial buildings n.e.c.

|                                 |                                                                                                                                                                                                               |                                                                                                                                                                    |                                                                                                                                                                                        |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Electrical generation           | <ul style="list-style-type: none"> <li>Maintenance workshop</li> <li>Staff lunchroom</li> <li>Staff or public car park</li> <li>Toilets / wet areas</li> </ul>                                                | <ul style="list-style-type: none"> <li>Office</li> <li>Tool room or general fabrication workshop</li> <li>Plant rooms</li> </ul>                                   | <ul style="list-style-type: none"> <li>Rooftop plant platforms</li> <li>Outdoor lighting</li> </ul>                                                                                    |
| Water Treatment (reservoir etc) | <ul style="list-style-type: none"> <li>Maintenance workshop</li> <li>Staff lunchroom</li> <li>Outdoor storage tanks / ponds / silos</li> <li>Staff or public car park</li> <li>Toilets / wet areas</li> </ul> | <ul style="list-style-type: none"> <li>Office</li> <li>Tool room or general fabrication workshop</li> <li>Plant rooms</li> <li>Pedestrian traffic areas</li> </ul> | <ul style="list-style-type: none"> <li>Exposure to detergents</li> <li>Exposure to acids / citrus based cleaners</li> <li>Rooftop plant platforms</li> <li>Outdoor lighting</li> </ul> |
| Waste Water Treatment           | <ul style="list-style-type: none"> <li>Maintenance workshop</li> <li>Staff lunchroom</li> <li>Outdoor storage tanks / ponds / silos</li> <li>Staff or public car park</li> <li>Toilets / wet areas</li> </ul> | <ul style="list-style-type: none"> <li>Office</li> <li>Tool room or general fabrication workshop</li> <li>Plant rooms</li> <li>Pedestrian traffic areas</li> </ul> | <ul style="list-style-type: none"> <li>Exposure to detergents</li> <li>Exposure to acids / citrus based cleaners</li> <li>Rooftop plant platforms</li> <li>Outdoor lighting</li> </ul> |



## Education buildings

|                          |                                                                                                                                                                                              |                                                                                                                                                                                                   |                                                                                                                                                                                              |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| School / University      | <ul style="list-style-type: none"> <li>Pedestrian traffic areas</li> <li>Staff lunchroom</li> <li>Public eating area</li> <li>Cool room for perishable storage</li> <li>Warehouse</li> </ul> | <ul style="list-style-type: none"> <li>Staff or public car park</li> <li>Toilets / wet areas</li> <li>Office</li> <li>Food preparation area / kitchen</li> <li>Rooftop plant platforms</li> </ul> | <ul style="list-style-type: none"> <li>Maintenance workshop</li> <li>Plant rooms</li> <li>Exposure to cooking oil</li> <li>Swimming pool / growing pond</li> <li>Outdoor lighting</li> </ul> |
| Boarding / Accommodation | <ul style="list-style-type: none"> <li>Pedestrian traffic areas</li> <li>Staff lunchroom</li> <li>Public eating area</li> <li>Cool room for perishable storage</li> </ul>                    | <ul style="list-style-type: none"> <li>Staff or public car park</li> <li>Toilets / wet areas</li> <li>Office</li> <li>Food preparation area / kitchen</li> </ul>                                  | <ul style="list-style-type: none"> <li>Rooftop plant platforms</li> <li>Plant rooms</li> <li>Swimming pool / growing pond</li> <li>Outdoor lighting</li> </ul>                               |



## Religion buildings

|                                  |                                                                                                                                                                       |                                                                                                                                                                              |                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Places of Worship (churches etc) | <ul style="list-style-type: none"> <li>Pedestrian traffic areas</li> <li>Staff or public car park</li> <li>Toilets / wet areas</li> <li>Public eating area</li> </ul> | <ul style="list-style-type: none"> <li>Cool room for perishable storage</li> <li>Exposure to cooking oil</li> <li>Office</li> <li>Food preparation area / kitchen</li> </ul> | <ul style="list-style-type: none"> <li>Rooftop plant platforms</li> <li>Outdoor lighting</li> </ul> |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|



## Aged care facilities

|                          |                                                                                                                                                                                                             |                                                                                                                                                              |                                                                                                                                                                |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Aged Care / Nursing Home | <ul style="list-style-type: none"> <li>Pedestrian traffic areas</li> <li>Staff lunchroom</li> <li>Public eating area</li> <li>Cool room for perishable storage</li> <li>Staff or public car park</li> </ul> | <ul style="list-style-type: none"> <li>Toilets / wet areas</li> <li>Office</li> <li>Food preparation area / kitchen</li> <li>Maintenance workshop</li> </ul> | <ul style="list-style-type: none"> <li>Plant rooms</li> <li>Exposure to cooking oil</li> <li>Swimming pool / growing pond</li> <li>Outdoor lighting</li> </ul> |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|



## Health buildings

|                            |                                                                                                                                                                                    |                                                                                                                                                                                                        |                                                                                                                                                                          |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hospital                   | <ul style="list-style-type: none"> <li>Maintenance workshop</li> <li>Plant rooms</li> <li>Pedestrian traffic areas</li> <li>Staff lunchroom</li> <li>Public eating area</li> </ul> | <ul style="list-style-type: none"> <li>Cool room for perishable storage</li> <li>Despatch / vehicle loading / transport area</li> <li>Staff or public car park</li> <li>Toilets / wet areas</li> </ul> | <ul style="list-style-type: none"> <li>Office</li> <li>Food preparation area / kitchen</li> <li>Rooftop plant platforms</li> <li>Swimming pool / growing pond</li> </ul> |
| GP Clinic / Dentist        | <ul style="list-style-type: none"> <li>Staff lunchroom</li> <li>Exposure to detergents</li> <li>Staff or public car park</li> </ul>                                                | <ul style="list-style-type: none"> <li>Office</li> <li>Toilets / wet areas</li> </ul>                                                                                                                  | <ul style="list-style-type: none"> <li>Cool room for perishable storage</li> <li>Rooftop plant platforms</li> </ul>                                                      |
| Radiographer / Pathologist | <ul style="list-style-type: none"> <li>Staff lunchroom</li> <li>Exposure to detergents</li> <li>Staff or public car park</li> </ul>                                                | <ul style="list-style-type: none"> <li>Office</li> <li>Toilets / wet areas</li> </ul>                                                                                                                  | <ul style="list-style-type: none"> <li>Cool room for perishable storage</li> <li>Rooftop plant platforms</li> </ul>                                                      |
| Laboratories               | <ul style="list-style-type: none"> <li>Staff lunchroom</li> <li>Exposure to detergents</li> <li>Staff or public car park</li> </ul>                                                | <ul style="list-style-type: none"> <li>Office</li> <li>Toilets / wet areas</li> </ul>                                                                                                                  | <ul style="list-style-type: none"> <li>Cool room for perishable storage</li> <li>Rooftop plant platforms</li> </ul>                                                      |

## Industrial Application Matrix



## Entertainment and recreation buildings

|                                                |                                                                                                                                                                                                                       |                                                                                                                                                                      |                                                                                                                                                                   |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Oval / Arena                                   | <ul style="list-style-type: none"> <li>• Pedestrian traffic areas</li> <li>• Staff lunchroom</li> <li>• Public eating area</li> <li>• Cool room for perishable storage</li> <li>• Staff or public car park</li> </ul> | <ul style="list-style-type: none"> <li>• Toilets / wet areas</li> <li>• Office</li> <li>• Food preparation area / kitchen</li> <li>• Maintenance workshop</li> </ul> | <ul style="list-style-type: none"> <li>• Plant rooms</li> <li>• Exposure to cooking oil</li> <li>• Rooftop plant platforms</li> <li>• Outdoor lighting</li> </ul> |
| Gym / Tennis Centre                            | <ul style="list-style-type: none"> <li>• Pedestrian traffic areas</li> <li>• Staff lunchroom</li> <li>• Public eating area</li> <li>• Cool room for perishable storage</li> <li>• Staff or public car park</li> </ul> | <ul style="list-style-type: none"> <li>• Toilets / wet areas</li> <li>• Office</li> <li>• Food preparation area / kitchen</li> <li>• Maintenance workshop</li> </ul> | <ul style="list-style-type: none"> <li>• Plant rooms</li> <li>• Exposure to cooking oil</li> <li>• Rooftop plant platforms</li> <li>• Outdoor lighting</li> </ul> |
| Entertainment Centre / Theater / Cinema        | <ul style="list-style-type: none"> <li>• Pedestrian traffic areas</li> <li>• Staff lunchroom</li> <li>• Public eating area</li> <li>• Cool room for perishable storage</li> <li>• Staff or public car park</li> </ul> | <ul style="list-style-type: none"> <li>• Toilets / wet areas</li> <li>• Office</li> <li>• Food preparation area / kitchen</li> <li>• Maintenance workshop</li> </ul> | <ul style="list-style-type: none"> <li>• Plant rooms</li> <li>• Exposure to cooking oil</li> <li>• Rooftop plant platforms</li> <li>• Outdoor lighting</li> </ul> |
| Aquatic centre (swimming pools, aquariums etc) | <ul style="list-style-type: none"> <li>• Pedestrian traffic areas</li> <li>• Staff lunchroom</li> <li>• Public eating area</li> <li>• Cool room for perishable storage</li> <li>• Staff or public car park</li> </ul> | <ul style="list-style-type: none"> <li>• Toilets / wet areas</li> <li>• Office</li> <li>• Food preparation area / kitchen</li> <li>• Maintenance workshop</li> </ul> | <ul style="list-style-type: none"> <li>• Plant rooms</li> <li>• Exposure to cooking oil</li> <li>• Rooftop plant platforms</li> <li>• Outdoor lighting</li> </ul> |
| Libraries / Museums                            | <ul style="list-style-type: none"> <li>• Pedestrian traffic areas</li> <li>• Staff lunchroom</li> <li>• Public eating area</li> <li>• Cool room for perishable storage</li> <li>• Staff or public car park</li> </ul> | <ul style="list-style-type: none"> <li>• Toilets / wet areas</li> <li>• Office</li> <li>• Food preparation area / kitchen</li> <li>• Maintenance workshop</li> </ul> | <ul style="list-style-type: none"> <li>• Plant rooms</li> <li>• Exposure to cooking oil</li> <li>• Rooftop plant platforms</li> <li>• Outdoor lighting</li> </ul> |
| Casino                                         | <ul style="list-style-type: none"> <li>• Pedestrian traffic areas</li> <li>• Staff lunchroom</li> <li>• Public eating area</li> <li>• Cool room for perishable storage</li> <li>• Staff or public car park</li> </ul> | <ul style="list-style-type: none"> <li>• Toilets / wet areas</li> <li>• Office</li> <li>• Food preparation area / kitchen</li> <li>• Maintenance workshop</li> </ul> | <ul style="list-style-type: none"> <li>• Plant rooms</li> <li>• Exposure to cooking oil</li> <li>• Rooftop plant platforms</li> <li>• Outdoor lighting</li> </ul> |
| Public Parks / Beaches                         | <ul style="list-style-type: none"> <li>• Pedestrian traffic areas</li> <li>• Toilets / wet areas</li> <li>• Outdoor bbq's</li> </ul>                                                                                  | <ul style="list-style-type: none"> <li>• Outdoor lighting</li> <li>• Public eating area</li> <li>• Staff or public car park</li> </ul>                               |                                                                                                                                                                   |



## Short term accommodation buildings

|                     |                                                                                                                                                                                                          |                                                                                                                                                                          |                                                                                                                                                                                        |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hotel               | <ul style="list-style-type: none"> <li>• Plant rooms</li> <li>• Pedestrian traffic areas</li> <li>• Staff lunchroom</li> <li>• Public eating area</li> <li>• Cool room for perishable storage</li> </ul> | <ul style="list-style-type: none"> <li>• Staff or public car park</li> <li>• Toilets / wet areas</li> <li>• Office</li> <li>• Food preparation area / kitchen</li> </ul> | <ul style="list-style-type: none"> <li>• Maintenance workshop</li> <li>• Exposure to cooking oil</li> <li>• Rooftop plant platforms</li> <li>• Swimming pool / growing pond</li> </ul> |
| Serviced Apartments | <ul style="list-style-type: none"> <li>• Plant rooms</li> <li>• Pedestrian traffic areas</li> <li>• Staff lunchroom</li> <li>• Staff or public car park</li> </ul>                                       | <ul style="list-style-type: none"> <li>• Toilets / wet areas</li> <li>• Office</li> <li>• Maintenance workshop</li> <li>• Cool room for perishable storage</li> </ul>    | <ul style="list-style-type: none"> <li>• Exposure to cooking oil</li> <li>• Rooftop plant platforms</li> <li>• Swimming pool / growing pond</li> </ul>                                 |



## Other non-residential n.e.c.

|             |                                                                                                                                                                                                                    |  |  |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Data Centre | <ul style="list-style-type: none"> <li>• Plant rooms</li> <li>• Staff lunchroom</li> <li>• Staff or public car park</li> <li>• Toilets / wet areas</li> <li>• Office</li> <li>• Rooftop plant platforms</li> </ul> |  |  |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|

## International Protection Ratings

## Protection against solids

| TEST | PROTECTION                                                                                                  |
|------|-------------------------------------------------------------------------------------------------------------|
| x    | No test applied<br>No specific protection                                                                   |
| 0    | No test applied<br>Inherent degree of protection                                                            |
| 1    | Protected against solid objects equal to or greater than 50 mm diameter. (eg. accidental contact with hand) |
| 2    | Protected against solid objects equal to or greater than 12.5mm diameter. (eg. contact with finger)         |
| 3    | Protected against solid objects equal to or greater than 2.5mm diameter. (eg. tools and wires)              |
| 4    | Protected against solid objects equal to or greater than 1mm diameter. (eg. fine tools and wires)           |
| 5    | Protected against quantities of dust that could interfere with satisfactory operation.                      |
| 6    | Completely protected against dust.                                                                          |

Defined by IEC 60529  
DIN 40050 CEI 70-1

To Australian standards AS 60529-2004  
Degrees of protection provided by enclosures.  
(IP Code)

## Protection against liquids

| TEST | PROTECTION                                                                      |
|------|---------------------------------------------------------------------------------|
| x    | No test applied<br>No specific protection                                       |
| 0    | No test applied<br>Inherent degree of protection                                |
| 1    | Protected against drops of water falling vertically.                            |
| 2    | Protected against drops of water falling at up to 15 degrees from the vertical. |
| 3    | Protected against spraying water at up to 60 degrees from the vertical.         |
| 4    | Protected against splashing water from all directions.                          |
| 5    | Protected against jets of water from all directions.                            |
| 6    | Protected against jets of water of similar force to heavy seas.                 |
| 7    | Protected against the effects of temporary immersion.                           |
| 8    | Protected against the effects of continuous immersion.                          |

Defined by IEC 60529



## Technical Terms

The following technical terms are brief descriptions indicating the tests involved to attain ratings. For further information refer to the standards indicated.

### M-Rating (refer AS/NZS3133)

Clipsal switches and switched socket outlets are marked with an M-Rating. This indicates that these products have been tested and found suitable for switching locked rotor current.

In part, this test involves 50 operations, make and break of the nominated locked rotor current at 0.5 power factor lagging. The switch will not fail to interrupt the current or fail in any way electrically or mechanically.

### AC-21 (refer AS/NZS3947)

Switching of resistive loads, including moderate overloads.

In part, this involves five make and break operations, at 1 ½ times rated current and 1.1 times rated voltage at 0.95 cos.

Additional mechanical no load and electrical endurance tests at rated current and voltage at 0.95 cos are conducted.

### AC-22 (refer AS/NZS3947)

Switched of mixed resistive and inductive loads, including moderate overloads.

In part, this involves five make and break operations at three times rated current and 1.1 times rated voltage at 0.65 cos.

Additional mechanical no load and electrical endurance tests at rated current and voltage at 0.65 cos.

### AC-23 (refer AS/NZS3947)

Switching of motor loads or highly inductive loads.

In part, this involves five make and break operations at:

10 times rated current make

1.1 times rated voltage make

0.35 cos

8 times rated current break

1.1 times rated voltage break

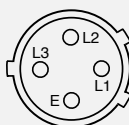
0.35 cos

Additional mechanical at no load and electrical endurance tests at rated current and voltage at 0.35 cos are conducted.

#### Plug Configurations



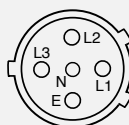
66P450



66P550



66P463



66P563

## Plug and socket configuration

### 2 & 3 Pin



10A 250V  
A



16A 500V  
(unique)  
M



15A 250V  
B



32A 500V  
N



10A 250V  
C



40A 500V  
O



10A 110V  
D



50A 500V  
P



15A 32V  
Polarised  
E



10A 500V  
Q



20A 250V  
F



20A 500V  
R



10A 250V  
G



32A 500V  
S



20A 250V  
H



40A 500V  
T



32A 250V  
I



50A 500V  
U



10A 110V  
J



10A 500V  
V

### 4 Pin



10A 500V  
K



10A 500V  
W



20A 500V  
L



20A 500V  
X

### 2 & 3 Pin



10A 250V  
A



16A 500V  
(unique)  
M



15A 250V  
B



32A 500V  
N



10A 250V  
C



40A 500V  
O



10A 110V  
D



50A 500V  
P



15A 32V  
Polarised  
E



10A 500V  
Q



20A 250V  
F



20A 500V  
R



10A 250V  
G



32A 500V  
S



20A 250V  
H



40A 500V  
T



32A 250V  
I



50A 500V  
U



10A 110V  
J



10A 500V  
V



10A 500V  
K



10A 500V  
W



20A 500V  
L



20A 500V  
X





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