

 **Plugs and sockets for industrial applications**



- > **OPTIMA Series**
- > **EUREKA Series**
- > **IEC309 Series**
- > **EUREKA-HD Series**
- > **LIBERA Series**
- > **DOMO Series**



> INDUSTRIAL PLUGS AND SOCKETS

| 1.1                               |      | IP44                                                                                           |                                                                                                |                                                                                                |                                                                                                 |                                                                                                  |                                                                                                  |
|-----------------------------------|------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
|                                   |      | 16-32A                                                                                         |                                                                                                |                                                                                                |                                                                                                 |                                                                                                  |                                                                                                  |
|                                   |      | OPTIMA Series                                                                                  | EUREKA Series                                                                                  |                                                                                                | IEC309 Series                                                                                   | EUREKA-HD Series                                                                                 | LIBERA Series                                                                                    |
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| Flush mounting appliance inlets   | >50V | <br>page 46   |                                                                                                |                                                                                                |                                                                                                 | <br>page 68   |                                                                                                  |
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| Surface mounting socket outlets   | >50V |                                                                                                | <br>page 57 | <br>page 52 |                                                                                                 |                                                                                                  |                                                                                                  |
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| IP67                                                                                             |                                                                                                  |                                                                                                  |                                                                                                  |                                                                                                  |                                                                                                  |
|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| 16-32A                                                                                           |                                                                                                  |                                                                                                  |                                                                                                  | 63-125A                                                                                          |                                                                                                  |
| OPTIMA Series                                                                                    | EUREKA Series                                                                                    |                                                                                                  | IEC309 Series                                                                                    | EUREKA-HD Series                                                                                 | IEC309 Series                                                                                    |
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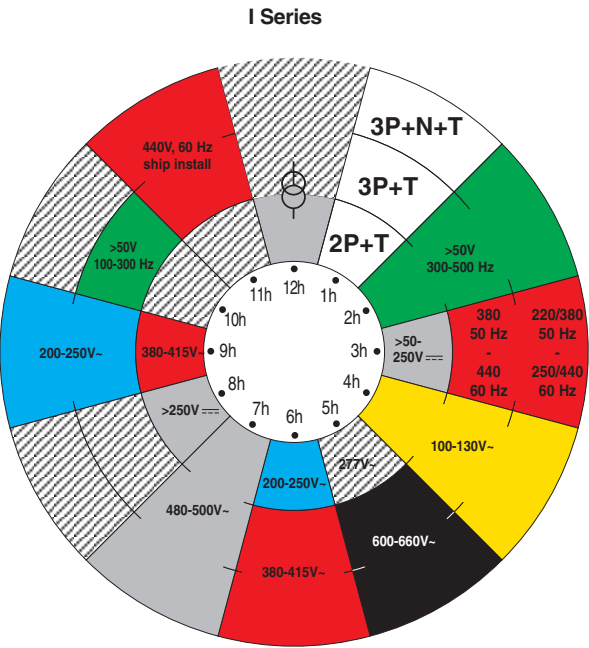
> INDUSTRIAL PLUGS AND SOCKETS TO IEC 60309 RATED OPERATING VOLTAGE >50 V

**Clock face position**  
Viewing the socket from the front, the clock face position h is established by observing the position of the earth contact with respect to the major keyway, which is always situated at 6 o'clock.  
The different voltages are identified by conventional colour codes.

**Clock reference:**  
All the versions required by the IEC 60309 standard are available, including the more specific:

- Examples:**

  - standard use
  - refrigerated container
  - marine, port or ship installation
  - direct current (2P + E)
  - supply by isolation transformer (TST)
  - high frequency, from 100 to 300 Hz
  - high frequency, from 300 to 500 Hz
  - specific voltages
- 100 - 130V  
480 - 500V  
600 - 690V
- 6 o'clock  
3 o'clock  
11 o'clock  
3 and 8 o'clock  
12 o'clock  
10 o'clock  
2 o'clock  
4 o'clock  
7 o'clock  
5 o'clock



**CLOCK DIAGRAM**  
Clock face position (h) of the earth pole of low voltage (>50 V) industrial plugs and sockets to IEC 60309-2 for different applications (polarity, voltage, frequency, current).

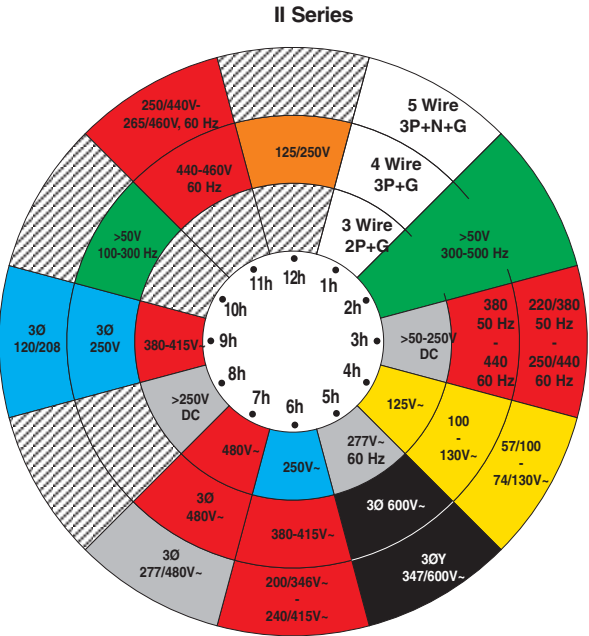
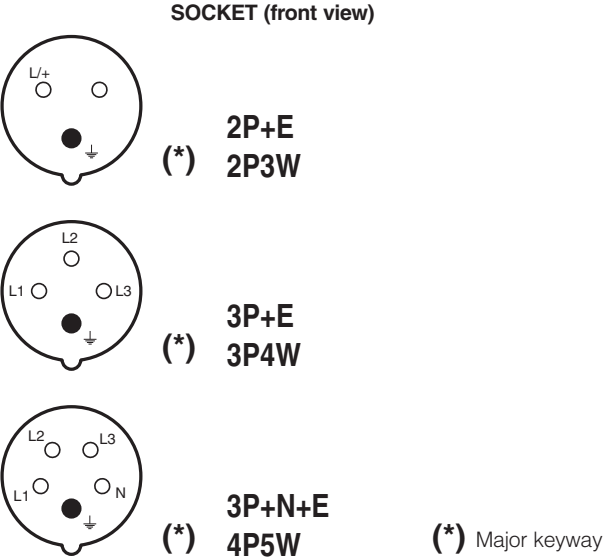
⊕ = Supply from isolation transformer

> COLOUR CODE

The operating voltages are identified by conventional colours as shown in the table:

| Rated operating voltage V |        |     | Colour 1) |
|---------------------------|--------|-----|-----------|
| from                      | 20 to  | 25  | Violet    |
| from                      | 40 to  | 50  | White     |
| from                      | 100 to | 130 | Yellow    |
| from                      | 200 to | 250 | Blue      |
| from                      | 380 to | 480 | Red       |
| from                      | 500 to | 690 | Black     |

1) Combinations of green with the colour of the rated operating voltage can be used to identify frequencies between 60 Hz and 500 Hz inclusive.



> SYNOPTIC TABLE OF STANDARD INDUSTRIAL PLUGS AND SOCKETS TO IEC 60309-2

Rated operating voltage > 50 V (LV)

| Number of contact | poles                                                                              | Frequency Hz | Rated operating voltage V | Clock face pos.(h) Earth contact (1) |                 | Colour code |
|-------------------|------------------------------------------------------------------------------------|--------------|---------------------------|--------------------------------------|-----------------|-------------|
|                   |                                                                                    |              |                           | 16/20A 32/30A                        | 63/60A 125/100A |             |
| 3 Contact 2P3W    | 1P+N+E II Series                                                                   | 50 e 60      | 100÷130                   | 4                                    | 4               | Yellow      |
|                   | 2P+E I and II Series                                                               | 50 e 60      | 277                       | 5                                    | 5               | Green       |
|                   |                                                                                    |              | 100÷130                   | 4                                    | 4               | Yellow      |
|                   |                                                                                    |              | 200÷250                   | 6                                    | 6               | Blue        |
|                   |                                                                                    |              | 380÷415                   | 9                                    | 9               | Red         |
|                   |                                                                                    |              | 480÷500                   | 7                                    | 7               | - (6)       |
|                   |                                                                                    | 100÷300      | suppl. by isol. transf.   | 12                                   | 12              | - (6)       |
|                   |                                                                                    |              | > 50                      | -                                    | -               | Green (5)   |
|                   |                                                                                    | >300÷500     | > 50                      | 2                                    | -               | Green (5)   |
|                   |                                                                                    |              | >50÷250                   | 3                                    | 3               | - (6)       |
| 4 Contact 3P4W    | 2P+N+E II Series                                                                   | 50 e 60      | 125/250 single-phase      | 12                                   | 12              | -           |
|                   | 3P+E I and II Series                                                               | 50 e 60      | 100÷130                   | 4                                    | 4               | Yellow      |
|                   |                                                                                    |              | 200÷250                   | 9                                    | 9               | Blue        |
|                   |                                                                                    |              | 380÷415                   | 6                                    | 6               | Red         |
|                   |                                                                                    | 60           | 440÷460 (4)               | 11                                   | 11              | Red         |
|                   |                                                                                    | 50 e 60      | 480÷500                   | 7                                    | 7               | - (6)       |
|                   |                                                                                    |              | 600÷690                   | 5                                    | 5               | Black (2)   |
|                   |                                                                                    | 50           | 380                       | 3                                    | -               | Red         |
|                   |                                                                                    | 60           | 440 (3)                   | -                                    | -               | Red         |
|                   |                                                                                    | 100÷300      | > 50                      | 10                                   | -               | Green (5)   |
|                   |                                                                                    | >300÷500     | > 50                      | 2                                    | -               | Green (5)   |
| 5 Contact 4P5W    | 3P+N+E I and II Series                                                             | 50 e 60      | 57/100÷75/130             | 4                                    | 4               | Yellow      |
|                   |                                                                                    |              | 120/208÷144/250           | 9                                    | 9               | Blue        |
|                   |                                                                                    |              | 200/346÷240/415           | 6                                    | 6               | Red         |
|                   |                                                                                    |              | 277/480÷288/500           | 7                                    | 7               | - (6)       |
|                   |                                                                                    | 60           | 347/600÷400/690           | 5                                    | 5               | Black (2)   |
|                   |                                                                                    |              | 250/440÷265/460 (4)       | 11                                   | 11              | Red         |
|                   |                                                                                    | 50           | 220/380                   | 3                                    | -               | Red         |
|                   |                                                                                    | 60           | 250/440 (3)               | -                                    | -               | Red         |
| ALL TYPES         | All types of voltage and/or frequency not within these standardised configurations |              |                           | 1                                    | 1               | -           |

(1) The positions shown by a dash (-) are not standardised  
(3) For ISO standard refrigerated containers  
(4) Mainly for shipboard installations  
(5) Combinations of green with the colour of the rated operating voltage can be used to identify frequencies between 60 Hz and 500 Hz inclusive.  
(6) plugs and sockets for which the IEC 60309-2 standard sets only the clock face position (h) of the earth contact and not the colour, are supplied by SCAME in RAL 7035 grey

**SERIES I AND SERIES II**  
Series I and Series II have more or less the same dimensions, but are classified according to different rated currents. For Series I, currents are 16A, 32A, 63A, and 125A and for Series II, rated currents are 20A, 30A, 60A and 100A.  
Series I products are used in all European countries and some countries in South America, Asia, Australia and Africa. On the contrary, Series II products are mainly marketed in North America (USA, Mexico and Canada) and some countries in South America.

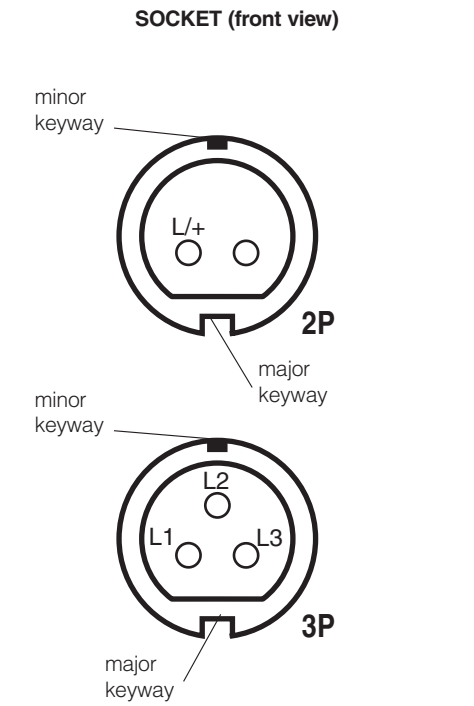
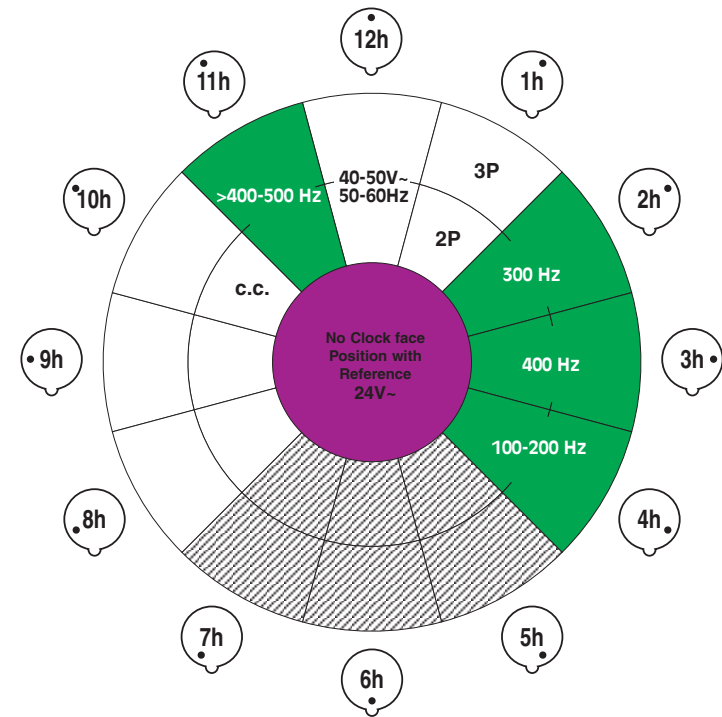
**NOTE**  
• SCAME plugs and sockets for specific uses other than 4 - 6 - 9 h are available only on demand and are therefore not kept in stock. Minimum order quantities: 50 pieces.

> SYNOPTIC TABLE OF STANDARD INDUSTRIAL PLUGS AND SOCKETS TO IEC 60309-2

Rated operating voltage <50V~ (ELV)

| Poles | Frequency Hz | Rated operating voltage V | Minor keyway (1) clock face position (h) 16A and 32A without reference | Colour code |
|-------|--------------|---------------------------|------------------------------------------------------------------------|-------------|
| 2P    | 50 e 60      | 20÷25                     | without ref.                                                           |             |
|       | 50 e 60      | 40÷50                     | 12                                                                     |             |
|       | 100÷200      | 20÷25 e 40÷50             | 4                                                                      | (2)         |
|       | 300          |                           | 2                                                                      | (2)         |
|       | 400          |                           | 3                                                                      | (2)         |
|       | >400÷500     |                           | 11                                                                     | (2)         |
|       | c.c.         |                           | 10                                                                     |             |
| 3P    | 50 e 60      | 20÷25                     | without ref.                                                           |             |
|       | 50 e 60      | 40÷50                     | 12                                                                     |             |
|       | 100÷200      | 20÷25 e 40÷50             | 4                                                                      | (2)         |
|       | 300          |                           | 2                                                                      | (2)         |
|       | 400          |                           | 3                                                                      | (2)         |
|       | >400÷500     |                           | 11                                                                     | (2)         |
|       | c.c.         |                           | 10                                                                     |             |

(1) 1, 8 and 9 h positions are reserved for future standards; 5, 6 and 7 h positions cannot be used for reasons connected with the design.  
(2) Combinations of green with the colour of the rated operating voltage can be used to identify frequencies between 60 Hz and 500 Hz inclusive.



**Clock face position**  
Viewing the socket from the front, the clock face position h is established by observing the position of the minor keyway with respect to the position of the major keyway, which is always situated at 6 o'clock.  
The different voltages are identified by conventional colour codes.

**CLOCK DIAGRAM**  
Clock face position (h) of the minor keyway of extra-low voltage (<50 V) industrial plugs and sockets to IEC 309-2 for different applications (polarity, voltage, frequency, current).

> APPLICATIONS OF INDUSTRIAL PLUGS AND SOCKETS

|                                                                                | IP44                                                                                                                              | IP67                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Agriculture                                                                    | Mobile or portable equipment or appliances used or stored on sheltered premises.                                                  | Outdoor installation of pumping, ventilation, drying equipment.                                                                                                                                             |
| Chemical industry                                                              | Indoors on premises for storage and maintenance purposes where connections are not exposed to the risk of immersion or chemicals. | On premises without risk of explosions but where the connections are exposed to chemicals and subject to possible immersion.                                                                                |
| Construction sites and shipyards                                               | On covered construction sites sheltered against weathering but exposed to splashing with water.                                   | On outdoor construction sites where the connections are left on damp ground exposed to freezing, dust and weathering.                                                                                       |
| Sports complexes and other places of public entertainment, TV and film studios | On sheltered premises protected against the weather, though exposed to splashing, without high connected loads.                   | Outdoor connections exposed to rain, snow, mud, freezing and other critical weather conditions. Where mated safety is required. Where high voltage for lighting installations, T.V. and audio are foreseen. |
| Food industry                                                                  | In sheltered locations, on indoor premises used for storage and maintenance.                                                      | In locations subject to washing by hosing down and where connections are subject to heavy duty.                                                                                                             |
| Heavy industry                                                                 | In sheltered warehouses, maintenance workshops, assembly and moulding areas.                                                      | In rolling mills, foundries, blast furnaces, etc., where the connections are exposed to dust, metallic shavings, coolants and are subject to vibrations and impact.                                         |
| Light industry                                                                 | Locations without high humidity or ambient pollution serving for assembly, moulding, maintenance and storage                      | On premises subject to cleaning by means of chemical solvents. Also where heavy loads require high safety in connections.                                                                                   |
| Installations for IT centres                                                   | For electrical connections executed above floor level.                                                                            | For electrical connections under raised floors with risk of immersion. Where heavy loads require high safety in connections.                                                                                |
| Ports                                                                          | In sheltered locations such as docks, repair shops, offices, etc.                                                                 | Quays, docks, piers, etc. where there is risk of high waves and partial flooding.                                                                                                                           |
| Airports                                                                       | In sheltered locations, hangars, repair shops, warehouses.                                                                        | Outdoors for connection between mobile or portable appliances and aircraft.                                                                                                                                 |
| Water treatment plants                                                         | Indoor use in repair shops, etc.                                                                                                  | In all locations with risk of flooding and for outdoor use with pumps, aeration and ventilation systems.                                                                                                    |

> PLUGS - IP44

OPTIMA Series



| Poles  | Hz.      | Volt    | Colour | h. | Screw                        |                             | Insulation<br>performing     |
|--------|----------|---------|--------|----|------------------------------|-----------------------------|------------------------------|
|        |          |         |        |    | 16A<br>cable gland<br>10/100 | 32A<br>cable gland<br>10/50 | 16A<br>cable gland<br>10/100 |
| 2P+E   | 50/60    | 100-130 |        | 4  | 213.1630 (Δ)                 | 213.3230                    | 213.1630P (Δ)                |
|        | 50/60    | 200-250 |        | 6  | 213.1633 (▲) (Δ)             | 213.3233 (▲)                | 213.1633P (▲) (Δ)            |
|        | 50/60    | 380-415 |        | 9  | 213.1638                     | 213.3238                    | 213.1638P                    |
|        | 50/60    | 480-500 |        | 7  |                              |                             |                              |
|        | 50/60    | trasf.  |        | 12 |                              |                             |                              |
|        | >300-500 | >50     |        | 2  |                              |                             |                              |
|        | c.c.     | >50-250 |        | 3  |                              |                             |                              |
|        | c.c.     | >250    |        | 8  |                              |                             |                              |
| 3P+E   | 50/60    | 100-130 |        | 4  |                              |                             |                              |
|        | 50/60    | 200-250 |        | 9  | 213.1634                     | 213.3234                    | 213.1634P                    |
|        | 50/60    | 380-415 |        | 6  | 213.1636 (▲)                 | 213.3236 (▲)                | 213.1636P (▲)                |
|        | 60       | 440-460 |        | 11 |                              |                             |                              |
|        | 50/60    | 480-500 |        | 7  |                              |                             |                              |
|        | 50/60    | 600-690 |        | 5  |                              |                             |                              |
|        | 50/60    | 380/440 |        | 3  |                              |                             |                              |
|        | 100-300  | >50     |        | 10 |                              |                             |                              |
| 3P+N+E | >300-500 | >50     |        | 2  |                              |                             |                              |
|        | 50/60    | 100-130 |        | 4  |                              |                             |                              |
|        | 50/60    | 208-250 |        | 9  |                              |                             |                              |
|        | 50/60    | 346-415 |        | 6  | 213.1637 (▲)                 | 213.3237 (▲)                | 213.1637P (▲)                |
|        | 50/60    | 480-500 |        | 7  |                              |                             |                              |
|        | 50/60    | 600-690 |        | 5  |                              |                             |                              |
|        | 60       | 440-460 |        | 11 |                              |                             |                              |
|        | 50/60    | 380/440 |        | 3  |                              |                             |                              |
|        | >300-500 | >50     |        | 2  |                              |                             |                              |

Rated operating voltage >50V  
- Approvals: from page 695  
- Plugs cover 570.0316: page 74



(▲) Black-coloured  
Versions also available in black;  
just add ".K" at the end of the catalogue  
number. Example 213.1633.K

EUREKA Series



IEC309 Series



EUREKA Series



| 16A<br>cable sleeve<br>10/100 | 32A<br>cable sleeve<br>10/50 | Angled outlet                 |                                |
|-------------------------------|------------------------------|-------------------------------|--------------------------------|
|                               |                              | 16A<br>cable sleeve<br>10/100 | 32A<br>cable sleeve<br>10/60 1 |
| 211.1630 (Δ)                  | 211.3230                     | 210.1630                      | 221.1630                       |
| 211.1633 (▲) (Δ)              | 211.3233                     | 210.1633                      | 221.3233                       |
| 211.1638                      | 211.3238                     |                               |                                |
| 211.16336                     | 211.32336                    |                               |                                |
| 211.16333                     | 211.32333                    |                               |                                |
| 211.16332                     | 211.32332                    |                               |                                |
| 211.16334                     | 211.32334                    |                               |                                |
| 211.16338                     | 211.32338                    |                               |                                |
| 211.1631                      | 211.3231                     |                               |                                |
| 211.1634                      | 211.3234                     | 210.1634                      | 210.3234                       |
| 211.1636                      | 211.3236                     | 210.1636                      | 210.3236                       |
| 221.1636                      | 221.3236                     |                               |                                |
| 211.16365                     | 211.32365                    |                               |                                |
| 211.16366                     | 211.32366                    |                               |                                |
| 211.16367                     | 211.32367                    |                               |                                |
| 211.16364                     | 211.32364                    |                               |                                |
| 211.16361                     | 211.32361                    |                               |                                |
| 211.16362                     | 211.32362                    |                               |                                |
| 211.1632                      | 211.3232                     |                               |                                |
| 211.1635                      | 211.3235                     |                               |                                |
| 211.1637                      | 211.3237                     | 210.1637                      | 210.3237                       |
| 221.1637                      | 221.3237                     |                               |                                |
| 211.16376                     | 211.32376                    |                               |                                |
| 211.16377                     | 211.32377                    |                               |                                |
| 211.16375                     | 211.32375                    |                               |                                |
| 211.16374                     | 211.32374                    |                               |                                |
| 211.16372                     | 211.32372                    |                               |                                |

(1) 3P+N+E= 10/50



(Δ) Transparent grip  
Version also available with transparent grip; just  
add ".TR" at the end of the catalogue  
number. Example 211.1633.TR.

> PLUGS - IP66/IP67

## OPTIMA Series



|        |          |            |                                                                                     |    | Screw                              |                      |                     |                    | Insulation<br>perforating          |
|--------|----------|------------|-------------------------------------------------------------------------------------|----|------------------------------------|----------------------|---------------------|--------------------|------------------------------------|
| Poles  | Hz.      | Volt       | Colour                                                                              | h. | 16A                                | 32A                  | 63A                 | 125A               | 16A                                |
|        |          |            |                                                                                     |    | cable gland<br>10/100 <sup>1</sup> | cable gland<br>10/40 | cable gland<br>6/24 | cable gland<br>1/8 | cable gland<br>10/100 <sup>1</sup> |
| 2P+E   | 50/60    | 100-130    |    | 4  | 218.1630 (Δ)                       | 218.3230             | 218.6330            | 218.12530          | 218.1630P (Δ)                      |
|        | 50/60    | 200-250    |    | 6  | 218.1633 (▲)(Δ)                    | 218.3233 (▲)         | 218.6333            | 218.12533          | 218.1633P (▲)(Δ)                   |
|        | 50/60    | 380-415    |    | 9  | 218.1638                           | 218.3238             | 218.6338            | 218.12538          | 218.1638P                          |
|        | 50/60    | 480-500    |    | 7  |                                    |                      |                     |                    |                                    |
|        | 50/60    | trasf.     |    | 12 |                                    |                      |                     |                    |                                    |
|        | >300-500 | >50        |    | 2  |                                    |                      |                     |                    |                                    |
|        | c.c.     | >50-250    |    | 3  |                                    |                      |                     |                    |                                    |
|        | c.c.     | >250       |   | 8  |                                    |                      |                     |                    |                                    |
| 3P+E   | 50/60    | 100-130    |  | 4  |                                    |                      |                     |                    |                                    |
|        | 50/60    | 200-250    |  | 9  | 218.1634                           | 218.3234             | 218.6334            | 218.12534          | 218.1634P                          |
|        | 50/60    | 380-415    |  | 6  | 218.1636 (▲)                       | 218.3236 (▲)         | 218.6336            | 218.12536          | 218.1636P (▲)                      |
|        | 60       | 440-460    |  | 11 |                                    |                      |                     |                    |                                    |
|        | 50/60    | 480-500    |  | 7  |                                    |                      |                     |                    |                                    |
|        | 50/60    | 600-690    |  | 5  |                                    |                      |                     |                    |                                    |
|        | 50<br>60 | 380<br>440 |  | 3  |                                    | 218.32364            |                     |                    |                                    |
|        | 100-300  | >50        |  | 10 |                                    |                      |                     |                    |                                    |
|        | >300-500 | >50        |  | 2  |                                    |                      |                     |                    |                                    |
| 3P+N+E | 50/60    | 100-130    |  | 4  |                                    |                      |                     |                    |                                    |
|        | 50/60    | 208-250    |  | 9  |                                    |                      |                     |                    |                                    |
|        | 50/60    | 346-415    |  | 6  | 218.1637 (▲)                       | 218.3237 (▲)         | 218.6337            | 218.12537          | 218.1637P (▲)                      |
|        | 50/60    | 480-500    |  | 7  |                                    |                      |                     |                    |                                    |
|        | 50/60    | 600-690    |  | 5  |                                    |                      |                     |                    |                                    |
|        | 60       | 440-460    |  | 11 |                                    |                      |                     |                    |                                    |
|        | 50<br>60 | 380<br>440 |  | 3  |                                    |                      |                     |                    |                                    |
|        | >300-500 | >50        |  | 2  |                                    |                      |                     |                    |                                    |

<sup>1</sup> 3P+N+E= 10/40

**Rated operating voltage >50V**

- > Approvals: from page 695
- > Plugs cover 570.0316: page 74



(▲) Black-coloured

Versions also available in black;  
 just add ".K" at the end of the catalogue  
 number. Example 218.1633.K

**EUREKA Series**



## IEC309 Series



**EUREKA Series**



|                                           |                             |                            |                            | Angled outlet                             |                             |
|-------------------------------------------|-----------------------------|----------------------------|----------------------------|-------------------------------------------|-----------------------------|
| 16A<br>cable gland<br>10/100 <sup>1</sup> | 32A<br>cable gland<br>10/40 | 63A<br>cable gland<br>6/24 | 125A<br>cable gland<br>1/8 | 16A<br>cable gland<br>10/100 <sup>2</sup> | 32A<br>cable gland<br>10/40 |
| 216.1630 (Δ)                              | 216.3230                    | 215.6330                   |                            | 226.1630                                  | 226.3230                    |
| 216.1633 (Δ)                              | 216.3233                    | 215.6333                   | 215.12533                  | 226.1633                                  | 226.3233                    |
| 216.1638                                  | 216.3238                    | 215.6338                   |                            |                                           |                             |
| 216.16336                                 | 216.32336                   | 215.63336                  |                            |                                           |                             |
| 216.16333                                 | 216.32333                   | 215.63333                  |                            |                                           |                             |
| 216.16332                                 | 216.32332                   |                            |                            |                                           |                             |
| 216.16334                                 | 216.32334                   | 215.63334                  |                            |                                           |                             |
| 216.16338                                 | 216.32338                   | 215.63338                  |                            |                                           |                             |
| 216.1631                                  | 216.3231                    | 215.6331                   | 215.12531                  |                                           |                             |
| 216.1634                                  | 216.3234                    | 215.6334                   | 215.12534                  |                                           |                             |
| 216.1636                                  | 216.3236                    | 215.6336                   | 215.12536                  | 226.1636                                  | 226.3236                    |
| 216.16365                                 | 216.32365                   | 215.63365                  | 215.125365                 |                                           |                             |
| 216.16366                                 | 216.32366                   | 215.63366                  | 215.125366                 |                                           |                             |
| 216.16367                                 | 216.32367                   | 215.63367                  | 215.125367                 |                                           |                             |
| 216.16364                                 | 216.32364                   |                            |                            |                                           | 226.32364                   |
| 216.16361                                 | 216.32361                   |                            |                            |                                           |                             |
| 216.16362                                 | 216.32362                   |                            |                            |                                           |                             |
| 216.1632                                  | 216.3232                    | 215.6332                   | 215.12532                  |                                           |                             |
| 216.1635                                  | 216.3235                    | 215.6335                   | 215.12535                  |                                           |                             |
| 216.1637                                  | 216.3237                    | 215.6337                   | 215.12537                  | 226.1637                                  | 226.3237                    |
| 216.16376                                 | 216.32376                   | 215.63376                  | 215.125376                 |                                           |                             |
| 216.16377                                 | 216.32377                   | 215.63377                  | 215.125377                 |                                           |                             |
| 216.16375                                 | 216.32375                   | 215.63375                  | 215.125375                 |                                           |                             |
| 216.16374                                 | 216.32374                   |                            |                            |                                           |                             |
| 216.16372                                 | 216.32372                   |                            |                            |                                           |                             |

<sup>1</sup> 3P+N+E= 10/40
$$^2 \quad 3P+N+E= \square \quad 10/50$$

(Δ) Transparent grip

Version also available with transparent grip; just add ".TR" at the end of the catalogue number.  
Example 218.1633.TR.



> SURFACE MOUNTING APPLIANCE INLETS

| EUREKA Series                                                  |          |         |        |           |                            |           |                       |           |  |
|----------------------------------------------------------------|----------|---------|--------|-----------|----------------------------|-----------|-----------------------|-----------|--|
| <div><div></div><div></div></div>                              |          |         |        |           |                            |           |                       |           |  |
| <div>IP44 - 90° angled</div> <div>IP66/IP67 - 90° angled</div> |          |         |        |           |                            |           |                       |           |  |
|                                                                |          |         |        |           | 16A                        | 32A       | 16A                   | 32A       |  |
|                                                                |          |         |        |           | 70x87                      | 70x87     | 70x87                 | 70x87     |  |
| Poles                                                          | Hz.      | Volt    | Colour | h.        | 10/100 <sup>1</sup>        | 10/60     | 10/100 <sup>2/3</sup> | 10/40     |  |
| 2P+E                                                           | 50/60    | 100-130 |        | 4         | 242.1690                   | 242.3290  | 247.1690              | 247.3290  |  |
|                                                                | 50/60    | 200-250 |        | 6         | 242.1693                   | 242.3293  | 247.1693              | 247.3293  |  |
|                                                                | 50/60    | 380-415 |        | 9         | 242.1698                   | 242.3298  | 247.1698              | 247.3298  |  |
|                                                                | 50/60    | 480-500 |        | 7         | 242.16936                  | 242.32936 | 247.16936             | 247.32936 |  |
|                                                                | 50/60    | trasf.  |        | 12        | 242.16933                  | 242.32933 | 247.16933             | 247.32933 |  |
|                                                                | >300-500 | >50     |        | 2         | 242.16932                  | 242.32932 | 247.16932             | 247.32932 |  |
|                                                                | c.c.     | >50-250 |        | 3         | 242.16934                  | 242.32934 | 247.16934             | 247.32934 |  |
|                                                                | c.c.     | >250    |        | 8         | 242.16938                  | 242.32938 | 247.16938             | 247.32938 |  |
| 3P+E                                                           | 50/60    | 100-130 |        | 4         | 242.1691                   | 242.3291  | 247.1691              | 247.3291  |  |
|                                                                | 50/60    | 200-250 |        | 9         | 242.1694                   | 242.3294  | 247.1694              | 247.3294  |  |
|                                                                | 50/60    | 380-415 |        | 6         | 242.1696                   | 242.3296  | 247.1696              | 247.3296  |  |
|                                                                | 60       | 440-460 |        | 11        | 242.16965                  | 242.32965 | 247.16965             | 247.32965 |  |
|                                                                | 50/60    | 480-500 |        | 7         | 242.16966                  | 242.32966 | 247.16966             | 247.32966 |  |
|                                                                | 50/60    | 600-690 |        | 5         | 242.16967                  | 242.32967 | 247.16967             | 247.32967 |  |
|                                                                | 50/60    | 380/440 |        | 3         | 242.16964                  | 242.32964 | 247.16964             | 247.32964 |  |
|                                                                | 100-300  | >50     |        | 10        | 242.16961                  | 242.32961 | 247.16961             | 247.32961 |  |
| >300-500                                                       | >50      |         | 2      | 242.16962 | 242.32962                  | 247.16962 | 247.32962             |           |  |
| 3P+N+E                                                         | 50/60    | 100-130 |        | 4         | 242.1692                   | 242.3292  | 247.1692              | 247.3292  |  |
|                                                                | 50/60    | 208-250 |        | 9         | 242.1695                   | 242.3295  | 247.1695              | 247.3295  |  |
|                                                                | 50/60    | 346-415 |        | 6         | 242.1697                   | 242.3297  | 247.1697              | 247.3297  |  |
|                                                                | 50/60    | 480-500 |        | 7         | 242.16976                  | 242.32976 | 247.16976             | 247.32976 |  |
|                                                                | 50/60    | 600-690 |        | 5         | 242.16977                  | 242.32977 | 247.16977             | 247.32977 |  |
|                                                                | 60       | 440-460 |        | 11        | 242.16975                  | 242.32975 | 247.16975             | 247.32975 |  |
|                                                                | 50/60    | 380/440 |        | 3         | 242.16974                  | 242.32974 | 247.16974             | 247.32974 |  |
|                                                                | >300-500 | >50     |        | 2         | 242.16972                  | 242.32972 | 247.16972             | 247.32972 |  |
|                                                                |          |         |        |           | <sup>1</sup> 3P+N+E= 10/60 |           |                       |           |  |
|                                                                |          |         |        |           | <sup>2</sup> 3P+N+E= 10/50 |           |                       |           |  |
|                                                                |          |         |        |           | <sup>3</sup> 3P+E= 10/60   |           |                       |           |  |

> FLUSH MOUNTING APPLIANCE INLETS

OPTIMA Series



|          |                 |                   |             |           | IP44 - Screw                 |                |
|----------|-----------------|-------------------|-------------|-----------|------------------------------|----------------|
|          |                 |                   |             |           | 16A                          | 32A            |
|          |                 |                   |             |           | 75x75<br>10/100 <sup>1</sup> | 75x75<br>10/60 |
| Poles    | Hz.             | Volt              | Colour      | h.        |                              |                |
| 2P+E     | 50/60           | 100-130           | <div></div> | 4         | 243.1690                     | 243.3290       |
|          | 50/60           | 200-250           | <div></div> | 6         | 243.1693 (▲)                 | 243.3293 (▲)   |
|          | 50/60           | 380-415           | <div></div> | 9         | 243.1698                     | 243.3298       |
|          | 50/60           | 480-500           | <div></div> | 7         | 243.16936                    | 243.32936      |
|          | 50/60           | trasf.            | <div></div> | 12        | 243.16933                    | 243.32933      |
|          | >300-500        | >50               | <div></div> | 2         | 243.16932                    | 243.32932      |
|          | c.c.            | >50-250           | <div></div> | 3         | 243.16934                    | 243.32934      |
|          | c.c.            | >250              | <div></div> | 8         | 243.16938                    | 243.32938      |
| 3P+E     | 50/60           | 100-130           | <div></div> | 4         | 243.1691                     | 243.3291       |
|          | 50/60           | 200-250           | <div></div> | 9         | 243.1694                     | 243.3294       |
|          | 50/60           | 380-415           | <div></div> | 6         | 243.1696 (▲)                 | 243.3296 (▲)   |
|          | 60              | 440-460           | <div></div> | 11        | 243.16965                    | 243.32965      |
|          | 50/60           | 480-500           | <div></div> | 7         | 243.16966                    | 243.32966      |
|          | 50/60           | 600-690           | <div></div> | 5         | 243.16967                    | 243.32967      |
|          | <div>5060</div> | <div>380440</div> | <div></div> | 3         | 243.16964                    | 243.32964      |
|          | 100-300         | >50               | <div></div> | 10        | 243.16961                    | 243.32961      |
| >300-500 | >50             | <div></div>       | 2           | 243.16962 | 243.32962                    |                |
| 3P+N+E   | 50/60           | 100-130           | <div></div> | 4         | 243.1692                     | 243.3292       |
|          | 50/60           | 208-250           | <div></div> | 9         | 243.1695                     | 243.3295       |
|          | 50/60           | 346-415           | <div></div> | 6         | 243.1697 (▲)                 | 243.3297 (▲)   |
|          | 50/60           | 480-500           | <div></div> | 7         | 243.16976                    | 243.32976      |
|          | 50/60           | 600-690           | <div></div> | 5         | 243.16977                    | 243.32977      |
|          | 60              | 440-460           | <div></div> | 11        | 243.16975                    | 243.32975      |
|          | <div>5060</div> | <div>380440</div> | <div></div> | 3         | 243.16974                    | 243.32974      |
|          | >300-500        | >50               | <div></div> | 2         | 243.16972                    | 243.32972      |

<sup>1</sup> 3P+N+E= 10/60

Rated operating voltage >50V  
- Approvals: from page 695  
- Plugs cover 570.0316 page 74



(▲) Black-coloured  
Versions also available in black;  
just add ".K" at the end of the catalogue number.  
Example 243.1693.K.

OPTIMA Series



|  |  | IP66/IP67 - Screw              |                | IEC309 Series |               |
|--|--|--------------------------------|----------------|---------------|---------------|
|  |  | 16A                            | 32A            | 63A           | 125A          |
|  |  | 75x75<br>10/100 <sup>1/2</sup> | 75x75<br>10/40 | 110x100<br>10 | 110x100<br>10 |
|  |  | 248.1690                       | 248.3290       | 246.6390      |               |
|  |  | 248.1693 (▲)                   | 248.3293 (▲)   | 246.6393      | 246.12593     |
|  |  | 248.1698                       | 248.3298       | 246.6394      |               |
|  |  | 248.16936                      | 248.32936      |               |               |
|  |  | 248.16933                      | 248.32933      |               |               |
|  |  | 248.16932                      | 248.32932      |               |               |
|  |  | 248.16934                      | 248.32934      |               |               |
|  |  | 248.16938                      | 248.32938      |               |               |
|  |  | 248.1691                       | 248.3291       | 246.6391      | 246.12591     |
|  |  | 248.1694                       | 248.3294       | 246.6392      | 246.12592     |
|  |  | 248.1696 (▲)                   | 248.3296 (▲)   | 246.6396      | 246.12596     |
|  |  | 248.16965                      | 248.32965      |               |               |
|  |  | 248.16966                      | 248.32966      |               |               |
|  |  | 248.16967                      | 248.32967      |               |               |
|  |  | 248.16964                      | 248.32964      |               |               |
|  |  | 248.16961                      | 248.32961      |               |               |
|  |  | 248.16962                      | 248.32962      |               |               |
|  |  | 248.1692                       | 248.3292       | 246.6395      | 246.12595     |
|  |  | 248.1695                       | 248.3295       | 246.6397      | 246.12598     |
|  |  | 248.1697 (▲)                   | 248.3297 (▲)   | 246.6398      | 246.12597     |
|  |  | 248.16976                      | 248.32976      |               |               |
|  |  | 248.16977                      | 248.32977      |               |               |
|  |  | 248.16975                      | 248.32975      |               |               |
|  |  | 248.16974                      | 248.32974      |               |               |
|  |  | 248.16972                      | 248.32972      |               |               |

<sup>1</sup> 3P+N+E= 10/50  
<sup>2</sup> 3P+E= 10/60

> CONNECTORS - IP44

| OPTIMA Series                                                                      |          |         |        |    |                              |                             |                              |
|------------------------------------------------------------------------------------|----------|---------|--------|----|------------------------------|-----------------------------|------------------------------|
|  |          |         |        |    |                              |                             |                              |
| Poles                                                                              | Hz.      | Volt    | Colour | h. | Screw                        |                             | Insulation perforating       |
|                                                                                    |          |         |        |    | 16A<br>cable gland<br>10/100 | 32A<br>cable gland<br>10/50 | 16A<br>cable gland<br>10/100 |
| 2P+E                                                                               | 50/60    | 100-130 |        | 4  | 313.1640 (Δ)                 | 313.3240                    | 313.1640P (Δ)                |
|                                                                                    | 50/60    | 200-250 |        | 6  | 313.1643 (Δ)(Δ)              | 313.3243 (Δ)                | 313.1643P (Δ)(Δ)             |
|                                                                                    | 50/60    | 380-415 |        | 9  | 313.1648                     | 313.3248                    | 313.1648P                    |
|                                                                                    | 50/60    | 480-500 |        | 7  |                              |                             |                              |
|                                                                                    | 50/60    | trasf.  |        | 12 |                              |                             |                              |
|                                                                                    | >300-500 | >50     |        | 2  |                              |                             |                              |
|                                                                                    | c.c.     | >50-250 |        | 3  |                              |                             |                              |
|                                                                                    | c.c.     | >250    |        | 8  |                              |                             |                              |
| 3P+E                                                                               | 50/60    | 100-130 |        | 4  |                              |                             |                              |
|                                                                                    | 50/60    | 200-250 |        | 9  | 313.1644                     | 313.3244                    | 313.1644P                    |
|                                                                                    | 50/60    | 380-415 |        | 6  | 313.1646 (Δ)                 | 313.3246 (Δ)                | 313.1646P (Δ)                |
|                                                                                    | 60       | 440-460 |        | 11 |                              |                             |                              |
|                                                                                    | 50/60    | 480-500 |        | 7  |                              |                             |                              |
|                                                                                    | 50/60    | 600-690 |        | 5  |                              |                             |                              |
|                                                                                    | 50/60    | 380/440 |        | 3  |                              |                             |                              |
|                                                                                    | 100-300  | >50     |        | 10 |                              |                             |                              |
| 3P+N+E                                                                             | >300-500 | >50     |        | 2  |                              |                             |                              |
|                                                                                    | 50/60    | 100-130 |        | 4  |                              |                             |                              |
|                                                                                    | 50/60    | 208-250 |        | 9  |                              |                             |                              |
|                                                                                    | 50/60    | 346-415 |        | 6  | 313.1647 (Δ)                 | 313.3247 (Δ)                | 313.1647P (Δ)                |
|                                                                                    | 50/60    | 480-500 |        | 7  |                              |                             |                              |
|                                                                                    | 50/60    | 600-690 |        | 5  |                              |                             |                              |
|                                                                                    | 60       | 440-460 |        | 11 |                              |                             |                              |
|                                                                                    | 50/60    | 380/440 |        | 3  |                              |                             |                              |
|                                                                                    | >300-500 | >50     |        | 2  |                              |                             |                              |

Rated operating voltage >50V  
- Approvals: from page 695



(Δ) Black-coloured  
Versions also available in black;  
just add ".K" at the end of the catalogue number.  
Example 313.1643.K.

| OPTIMA Series                | EUREKA Series                                                                       |                              | IEC309 Series                                                                       |                              | EUREKA Series                                                                       |                              |
|------------------------------|-------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------|------------------------------|
| Safe-in device               |  |                              |  |                              |  |                              |
| Screw                        |                                                                                     |                              |                                                                                     |                              | Angled outlet                                                                       |                              |
| 16A<br>cable gland<br>10/100 | 16A<br>cable sleeve<br>10/100                                                       | 32A<br>cable sleeve<br>10/50 | 16A<br>cable sleeve<br>10/100                                                       | 32A<br>cable sleeve<br>10/50 | 16A<br>cable sleeve<br>10/100                                                       | 32A<br>cable sleeve<br>10/50 |
| 313.1640H                    | 311.1640 (Δ)                                                                        | 311.3240                     | 310.1640                                                                            |                              | 321.1640                                                                            | 321.3240                     |
| 313.1643H (Δ)                | 311.1643 (Δ)(Δ)                                                                     | 311.3243                     | 310.1643                                                                            | 310.3243                     | 321.1643                                                                            | 321.3243                     |
| 313.1648H                    | 311.1648                                                                            | 311.3248                     |                                                                                     |                              |                                                                                     |                              |
|                              | 311.16436                                                                           | 311.32436                    |                                                                                     |                              |                                                                                     |                              |
|                              | 311.16433                                                                           | 311.32433                    |                                                                                     |                              |                                                                                     |                              |
|                              | 311.16432                                                                           | 311.32432                    |                                                                                     |                              |                                                                                     |                              |
|                              | 311.16434                                                                           | 311.32434                    |                                                                                     |                              |                                                                                     |                              |
|                              | 311.16438                                                                           | 311.32438                    |                                                                                     |                              |                                                                                     |                              |
|                              | 311.1641                                                                            | 311.3241                     |                                                                                     |                              |                                                                                     |                              |
| 313.1644H                    | 311.1644                                                                            | 311.3244                     | 310.1644                                                                            | 310.3244                     |                                                                                     |                              |
| 313.1646H (Δ)                | 311.1646                                                                            | 311.3246                     | 310.1646                                                                            | 310.3246                     | 321.1646                                                                            | 321.3246                     |
|                              | 311.16465                                                                           | 311.32465                    |                                                                                     |                              |                                                                                     |                              |
|                              | 311.16466                                                                           | 311.32466                    |                                                                                     |                              |                                                                                     |                              |
|                              | 311.16467                                                                           | 311.32467                    |                                                                                     |                              |                                                                                     |                              |
|                              | 311.16464                                                                           | 311.32464                    |                                                                                     |                              |                                                                                     |                              |
|                              | 311.16461                                                                           | 311.32461                    |                                                                                     |                              |                                                                                     |                              |
|                              | 311.16462                                                                           | 311.32462                    |                                                                                     |                              |                                                                                     |                              |
|                              | 311.1642                                                                            | 311.3242                     |                                                                                     |                              |                                                                                     |                              |
|                              | 311.1645                                                                            | 311.3245                     |                                                                                     |                              |                                                                                     |                              |
| 313.1647H (Δ)                | 311.1647                                                                            | 311.3247                     | 310.1647                                                                            | 310.3247                     | 321.1647                                                                            | 321.3247                     |
|                              | 311.16476                                                                           | 311.32476                    |                                                                                     |                              |                                                                                     |                              |
|                              | 311.16477                                                                           | 311.32477                    |                                                                                     |                              |                                                                                     |                              |
|                              | 311.16475                                                                           | 311.32475                    |                                                                                     |                              |                                                                                     |                              |
|                              | 311.16474                                                                           | 311.32474                    |                                                                                     |                              |                                                                                     |                              |
|                              | 311.16472                                                                           | 311.32472                    |                                                                                     |                              |                                                                                     |                              |



(Δ) Transparent grip  
Version also available with transparent grip; just  
add ".TR" at the end of the catalogue number.  
Example 311.1643.TR.

## > CONNECTORS - IP66/IP67

## OPTIMA Series



|          |          |                                                                                     |                                                                                     |    | Screw                                |                        |                       |                      | Insulation performing                |
|----------|----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----|--------------------------------------|------------------------|-----------------------|----------------------|--------------------------------------|
| Poles    | Hz.      | Volt                                                                                | Colour                                                                              | h. | 16A                                  | 32A                    | 63A                   | 125A                 | 16A                                  |
|          |          |                                                                                     |                                                                                     |    | cable gland<br>□ 10/100 <sup>1</sup> | cable gland<br>□ 10/40 | cable gland<br>□ 6/24 | cable gland<br>□ 1/8 | cable gland<br>□ 10/100 <sup>1</sup> |
| 2P+E     | 50/60    | 100-130                                                                             |    | 4  | 318.1640 (Δ)                         | 318.3240               | 318.6340              | 318.12540            | 318.1640P (Δ)                        |
|          | 50/60    | 200-250                                                                             |    | 6  | 318.1643 (▲)(Δ)                      | 318.3243 (▲)           | 318.6343              | 318.12543            | 318.1643P (▲)(Δ)                     |
|          | 50/60    | 380-415                                                                             |    | 9  | 318.1648                             | 318.3248               | 318.6348              | 318.12548            | 318.1648P                            |
|          | 50/60    | 480-500                                                                             |    | 7  |                                      |                        |                       |                      |                                      |
|          | 50/60    | trasf.                                                                              |    | 12 |                                      |                        |                       |                      |                                      |
|          | >300-500 | >50                                                                                 |    | 2  |                                      |                        |                       |                      |                                      |
|          | c.c.     | >50-250                                                                             |    | 3  |                                      |                        |                       |                      |                                      |
|          | c.c.     | >250                                                                                |   | 8  |                                      |                        |                       |                      |                                      |
| 3P+E     | 50/60    | 100-130                                                                             |  | 4  |                                      |                        |                       |                      |                                      |
|          | 50/60    | 200-250                                                                             |  | 9  | 318.1644                             | 318.3244               | 318.6344              | 318.12544            | 318.1644P                            |
|          | 50/60    | 380-415                                                                             |  | 6  | 318.1646 (▲)                         | 318.3246 (▲)           | 318.6346              | 318.12546            | 318.1646P (▲)                        |
|          | 60       | 440-460                                                                             |  | 11 |                                      |                        |                       |                      |                                      |
|          | 50/60    | 480-500                                                                             |  | 7  |                                      |                        |                       |                      |                                      |
|          | 50/60    | 600-690                                                                             |  | 5  |                                      |                        |                       |                      |                                      |
|          | 50/60    | 380/440                                                                             |  | 3  |                                      | 318.32464              |                       |                      |                                      |
|          | 100-300  | >50                                                                                 |  | 10 |                                      |                        |                       |                      |                                      |
| 3P+N+E   | >300-500 | >50                                                                                 |  | 2  |                                      |                        |                       |                      |                                      |
|          | 50/60    | 100-130                                                                             |  | 4  |                                      |                        |                       |                      |                                      |
|          | 50/60    | 208-250                                                                             |  | 9  |                                      |                        |                       |                      |                                      |
|          | 50/60    | 346-415                                                                             |  | 6  | 318.1647 (▲)                         | 318.3247 (▲)           | 318.6347              | 318.12547            | 318.1647P (▲)                        |
|          | 50/60    | 480-500                                                                             |  | 7  |                                      |                        |                       |                      |                                      |
|          | 50/60    | 600-690                                                                             |  | 5  |                                      |                        |                       |                      |                                      |
|          | 60       | 440-460                                                                             |  | 11 |                                      |                        |                       |                      |                                      |
|          | 50/60    | 380/440                                                                             |  | 3  |                                      |                        |                       |                      |                                      |
| >300-500 | >50      |  | 2                                                                                   |    |                                      |                        |                       |                      |                                      |

$$^1 3P+N+E= \square 10/40$$

**Rated operating voltage >50V**  
- Approvals: from page 695



(▲) Black-coloured

Versions also available in black;  
just add ".K" at the end of the catalogue number.  
Example 318.1643.K.

## OPTIMA Series



**EUREKA Series**



## IEC309 Series



**EUREKA Series**



| Screw                                     |                                           |                             |                            |                            | Angled outlet                             |                             |
|-------------------------------------------|-------------------------------------------|-----------------------------|----------------------------|----------------------------|-------------------------------------------|-----------------------------|
| 16A<br>cable gland<br>10/100 <sup>1</sup> | 16A<br>cable gland<br>10/100 <sup>1</sup> | 32A<br>cable gland<br>10/40 | 63A<br>cable gland<br>6/24 | 125A<br>cable gland<br>1/8 | 16A<br>cable gland<br>10/100 <sup>2</sup> | 32A<br>cable gland<br>10/40 |
| 318.1640H                                 | 316.1640 (Δ)                              | 316.3240                    | 315.6340                   |                            | 326.1640                                  | 326.3240                    |
| 318.1643H (▲)                             | 316.1643 (Δ)                              | 316.3243                    | 315.6343                   | 315.12543                  | 326.1643                                  | 326.3243                    |
| 318.1648H                                 | 316.1648                                  | 316.3248                    | 315.6348                   |                            |                                           |                             |
|                                           | 316.16436                                 | 316.32436                   | 315.63436                  |                            |                                           |                             |
|                                           | 316.16433                                 | 316.32433                   | 315.63433                  |                            |                                           |                             |
|                                           | 316.16432                                 | 316.32432                   |                            |                            |                                           |                             |
|                                           | 316.16434                                 | 316.32434                   | 315.63434                  |                            |                                           |                             |
|                                           | 316.16438                                 | 316.32438                   | 315.63438                  |                            |                                           |                             |
|                                           | 316.1641                                  | 316.3241                    | 315.6341                   | 315.12541                  |                                           |                             |
| 318.1644H                                 | 316.1644                                  | 316.3244                    | 315.6344                   | 315.12544                  |                                           |                             |
| 318.1646H (▲)                             | 316.1646                                  | 316.3246                    | 315.6346                   | 315.12546                  | 326.1646                                  | 326.3246                    |
|                                           | 316.16465                                 | 316.32465                   | 315.63465                  | 315.125465                 |                                           |                             |
|                                           | 316.16466                                 | 316.32466                   | 315.63466                  | 315.125466                 |                                           |                             |
|                                           | 316.16467                                 | 316.32467                   | 315.63467                  | 315.125467                 |                                           |                             |
|                                           | 316.16464                                 | 316.32464                   |                            |                            |                                           | 326.32464                   |
|                                           | 316.16461                                 | 316.32461                   |                            |                            |                                           |                             |
|                                           | 316.16462                                 | 316.32462                   |                            |                            |                                           |                             |
|                                           | 316.1642                                  | 316.3242                    | 315.6342                   | 315.12542                  |                                           |                             |
|                                           | 316.1645                                  | 316.3245                    | 315.6345                   | 315.12545                  |                                           |                             |
| 318.1647H (▲)                             | 316.1647                                  | 316.3247                    | 315.6347                   | 315.12547                  | 326.1647                                  | 326.3247                    |
|                                           | 316.16476                                 | 316.32476                   | 315.63476                  | 315.125476                 |                                           |                             |
|                                           | 316.16477                                 | 316.32477                   | 315.63477                  | 315.125477                 |                                           |                             |
|                                           | 316.16475                                 | 316.32475                   | 315.63475                  | 315.125475                 |                                           |                             |
|                                           | 316.16474                                 | 316.32474                   |                            |                            |                                           |                             |
|                                           | 316.16472                                 | 316.32472                   |                            |                            |                                           |                             |

<sup>1</sup> 3P+N+E= 10/40
$$^2 3P+N+E= \square 10/50$$


(Δ) Transparent grip

Version also available with transparent grip; just add ".TR" at the end of the catalogue number.  
Example 316.1643.TR.

> FLUSH MOUNTING SOCKET OUTLETS - IP44

EUREKA Series



|        |          |         |        |    | Angled outlet-normal flange |                 | Straight outlet-reduced flange    |                |
|--------|----------|---------|--------|----|-----------------------------|-----------------|-----------------------------------|----------------|
| Poles  | Hz.      | Volt    | Colour | h. | 16A                         | 32A             | 16A                               | 32A            |
|        |          |         |        |    | 70x87<br>10/100             | 84x106<br>10/50 | 75x75<br>10/100                   | 75x75<br>10/50 |
| 2P+E   | 50/60    | 100-130 |        | 4  | 412.1660                    | 412.3260        | 422.1660<br>422.1660/R(*)         | 422.3260       |
|        | 50/60    | 200-250 |        | 6  | 412.1663                    | 412.3263        | 422.1663 (▲)<br>422.1663/R(*) (▲) | 422.3263       |
|        | 50/60    | 380-415 |        | 9  | 412.1668                    | 412.3268        | 422.1668<br>422.1668/R(*)         | 422.3268       |
|        | 50/60    | 480-500 |        | 7  | 412.16636                   | 412.32636       | 422.16636                         | 422.32636      |
|        | 50/60    | trasf.  |        | 12 | 412.16633                   | 412.32633       | 422.16633                         | 422.32633      |
|        | >300-500 | >50     |        | 2  | 412.16632                   | 412.32632       | 422.16632                         | 422.32632      |
|        | c.c.     | >50-250 |        | 3  | 412.16634                   | 412.32634       | 422.16634                         | 422.32634      |
|        | c.c.     | >250    |        | 8  | 412.16638                   | 412.32638       | 422.16638                         | 422.32638      |
| 3P+E   | 50/60    | 100-130 |        | 4  | 412.1661                    | 412.3261        | 422.1661                          | 422.3261       |
|        | 50/60    | 200-250 |        | 9  | 412.1664                    | 412.3264        | 422.1664                          | 422.3264       |
|        | 50/60    | 380-415 |        | 6  | 412.1666                    | 412.3266        | 422.1666                          | 422.3266       |
|        | 60       | 440-460 |        | 11 | 412.16665                   | 412.32665       | 422.16665                         | 422.32665      |
|        | 50/60    | 480-500 |        | 7  | 412.16666                   | 412.32666       | 422.16666                         | 422.32666      |
|        | 50/60    | 600-690 |        | 5  | 412.16667                   | 412.32667       | 422.16667                         | 422.32667      |
|        | 50/60    | 380/440 |        | 3  | 412.16664                   | 412.32664       | 422.16664                         | 422.32664      |
|        | 100-300  | >50     |        | 10 | 412.16661                   | 412.32661       | 422.16661                         | 422.32661      |
| 3P+N+E | >300-500 | >50     |        | 2  | 412.16662                   | 412.32662       | 422.16662                         | 422.32662      |
|        | 50/60    | 100-130 |        | 4  | 412.1662                    | 412.3262        | 422.1662                          | 422.3262       |
|        | 50/60    | 208-250 |        | 9  | 412.1665                    | 412.3265        | 422.1665                          | 422.3265       |
|        | 50/60    | 346-415 |        | 6  | 412.1667                    | 412.3267        | 422.1667                          | 422.3267       |
|        | 50/60    | 480-500 |        | 7  | 412.16676                   | 412.32676       | 422.16676                         | 422.32676      |
|        | 50/60    | 600-690 |        | 5  | 412.16677                   | 412.32677       | 422.16677                         | 422.32677      |
|        | 60       | 440-460 |        | 11 | 412.16675                   | 412.32675       | 422.16675                         | 422.32675      |
|        | 50/60    | 380/440 |        | 3  | 412.16674                   | 412.32674       | 422.16674                         | 422.32674      |
|        | >300-500 | >50     |        | 2  | 412.16672                   | 412.32672       | 422.16672                         | 422.32672      |

(\*) Flange 62x62 mm

Rated operating voltage >50V  
- Approvals: from page 695  
- Empty surface mounting boxes: page 75



(▲) Black-coloured flange  
Versions also available with black flange  
items 422.1663.K and 422.1663/R.K.

EUREKA Series

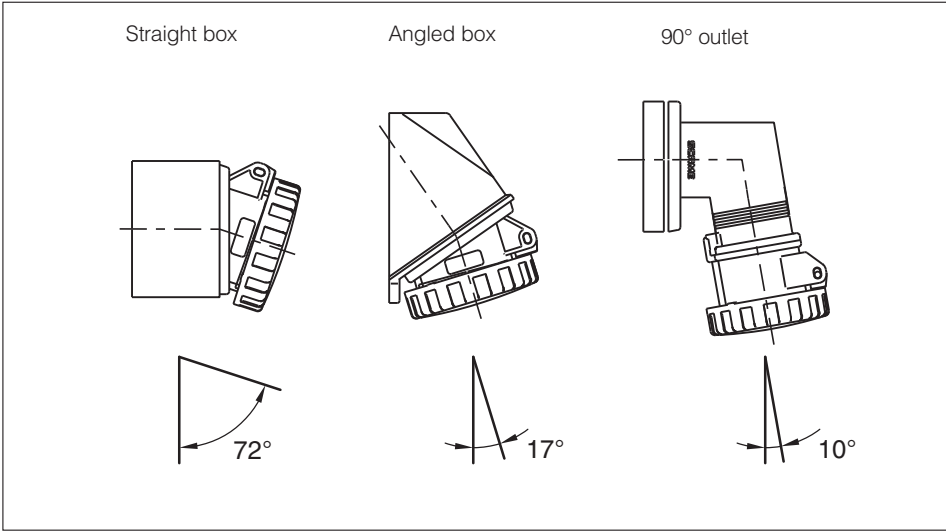


|           |           | 90° angled                  |                |
|-----------|-----------|-----------------------------|----------------|
| 16A       | 32A       | 70x87<br>10/60 <sup>1</sup> | 70x87<br>10/40 |
|           |           | 452.1660                    | 452.3260       |
| 452.1663  | 452.3263  | 452.1663                    | 452.3263       |
| 452.1668  | 452.3268  | 452.1668                    | 452.3268       |
| 452.16636 | 452.32636 | 452.16636                   | 452.32636      |
| 452.16633 | 452.32633 | 452.16633                   | 452.32633      |
| 452.16632 | 452.32632 | 452.16632                   | 452.32632      |
| 452.16634 | 452.32634 | 452.16634                   | 452.32634      |
| 452.16638 | 452.32638 | 452.16638                   | 452.32638      |
| 452.1661  | 452.3261  | 452.1661                    | 452.3261       |
| 452.1664  | 452.3264  | 452.1664                    | 452.3264       |
| 452.1666  | 452.3266  | 452.1666                    | 452.3266       |
| 452.16665 | 452.32665 | 452.16665                   | 452.32665      |
| 452.16666 | 452.32666 | 452.16666                   | 452.32666      |
| 452.16667 | 452.32667 | 452.16667                   | 452.32667      |
| 452.16664 | 452.32664 | 452.16664                   | 452.32664      |
| 452.16661 | 452.32661 | 452.16661                   | 452.32661      |
| 452.16662 | 452.32662 | 452.16662                   | 452.32662      |
| 452.1662  | 452.3262  | 452.1662                    | 452.3262       |
| 452.1665  | 452.3265  | 452.1665                    | 452.3265       |
| 452.1667  | 452.3267  | 452.1667                    | 452.3267       |
| 452.16676 | 452.32676 | 452.16676                   | 452.32676      |
| 452.16677 | 452.32677 | 452.16677                   | 452.32677      |
| 452.16675 | 452.32675 | 452.16675                   | 452.32675      |
| 452.16674 | 452.32674 | 452.16674                   | 452.32674      |
| 452.16672 | 452.32672 | 452.16672                   | 452.32672      |

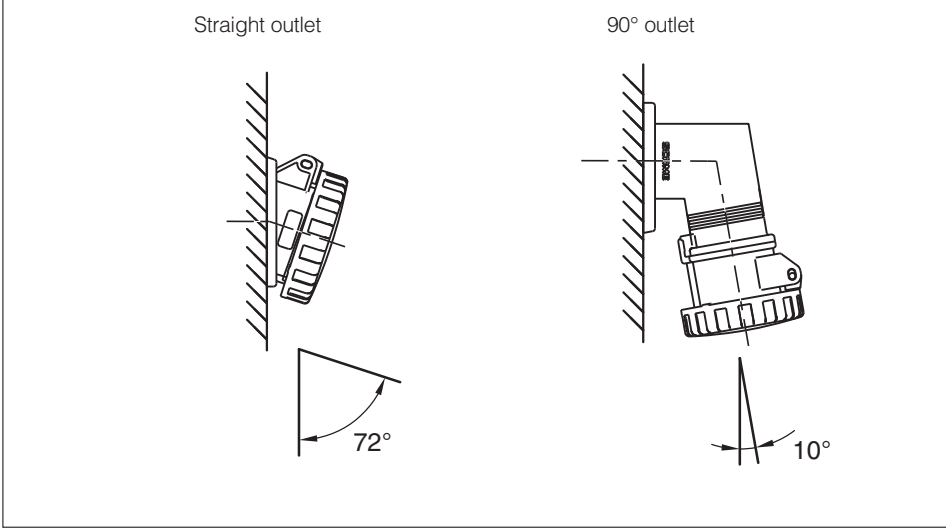
<sup>1</sup> 2P+E= 10/100

(●) The rubber seal acts as a drilling template, suitable for DOMINO  
Series consumer units (page 116)

> SURFACE MOUNTING INSTALLATION AXIS



> FLUSH MOUNTING SOCKET INSTALLATION AXIS



> FLUSH MOUNTING SOCKET OUTLETS - IP66/IP67

| EUREKA Series                                                                     |          |         |        |    | IEC309 Series                                                                       |                 |                 |                 |
|-----------------------------------------------------------------------------------|----------|---------|--------|----|-------------------------------------------------------------------------------------|-----------------|-----------------|-----------------|
|  |          |         |        |    |  |                 |                 |                 |
| Angled outlet-normal flange                                                       |          |         |        |    | Angled outlet-normal flange                                                         |                 |                 |                 |
| Poles                                                                             | Hz.      | Volt    | Colour | h. | 16A                                                                                 | 32A             | 63A             | 125A            |
|                                                                                   |          |         |        |    | 70x87<br>10/100                                                                     | 84x106<br>10/50 | 100x110<br>6/30 | 114x114<br>1/10 |
| 2P+E                                                                              | 50/60    | 100-130 | Yellow | 4  | 417.1660                                                                            | 417.3260        | 415.6360        |                 |
|                                                                                   | 50/60    | 200-250 | Blue   | 6  | 417.1663                                                                            | 417.3263        | 415.6363        | 415.12563       |
|                                                                                   | 50/60    | 380-415 | Red    | 9  | 417.1668                                                                            | 417.3268        | 415.6368        |                 |
|                                                                                   | 50/60    | 480-500 | Grey   | 7  | 417.16636                                                                           | 417.32636       | 415.63636       |                 |
|                                                                                   | 50/60    | trasf.  | Grey   | 12 | 417.16633                                                                           | 417.32633       | 415.63633       |                 |
|                                                                                   | >300-500 | >50     | Green  | 2  | 417.16632                                                                           | 417.32632       |                 |                 |
|                                                                                   | c.c.     | >50-250 | Grey   | 3  | 417.16634                                                                           | 417.32634       | 415.63634       |                 |
|                                                                                   | c.c.     | >250    | Grey   | 8  | 417.16638                                                                           | 417.32638       | 415.63638       |                 |
| 3P+E                                                                              | 50/60    | 100-130 | Yellow | 4  | 417.1661                                                                            | 417.3261        | 415.6361        | 415.12561       |
|                                                                                   | 50/60    | 200-250 | Blue   | 9  | 417.1664                                                                            | 417.3264        | 415.6364        | 415.12564       |
|                                                                                   | 50/60    | 380-415 | Red    | 6  | 417.1666                                                                            | 417.3266        | 415.6366        | 415.12566       |
|                                                                                   | 60       | 440-460 | Red    | 11 | 417.16665                                                                           | 417.32665       | 415.63665       | 415.125665      |
|                                                                                   | 50/60    | 480-500 | Grey   | 7  | 417.16666                                                                           | 417.32666       | 415.63666       | 415.125666      |
|                                                                                   | 50/60    | 600-690 | Black  | 5  | 417.16667                                                                           | 417.32667       | 415.63667       | 415.125667      |
|                                                                                   | 50/60    | 380/440 | Red    | 3  | 417.16664                                                                           | 417.32664       |                 |                 |
|                                                                                   | 100-300  | >50     | Green  | 10 | 417.16661                                                                           | 417.32661       |                 |                 |
| 3P+N+E                                                                            | >300-500 | >50     | Green  | 2  | 417.16662                                                                           | 417.32662       |                 |                 |
|                                                                                   | 50/60    | 100-130 | Yellow | 4  | 417.1662                                                                            | 417.3262        | 415.6362        | 415.12562       |
|                                                                                   | 50/60    | 208-250 | Blue   | 9  | 417.1665                                                                            | 417.3265        | 415.6365        | 415.12565       |
|                                                                                   | 50/60    | 346-415 | Red    | 6  | 417.1667                                                                            | 417.3267        | 415.6367        | 415.12567       |
|                                                                                   | 50/60    | 480-500 | Grey   | 7  | 417.16676                                                                           | 417.32676       | 415.63676       | 415.125676      |
|                                                                                   | 50/60    | 600-690 | Black  | 5  | 417.16677                                                                           | 417.32677       | 415.63677       | 415.125677      |
|                                                                                   | 60       | 440-460 | Red    | 11 | 417.16675                                                                           | 417.32675       | 415.63675       | 415.125675      |
|                                                                                   | 50/60    | 380/440 | Red    | 3  | 417.16674                                                                           | 417.32674       |                 |                 |
|                                                                                   | >300-500 | >50     | Green  | 2  | 417.16672                                                                           | 417.32672       |                 |                 |

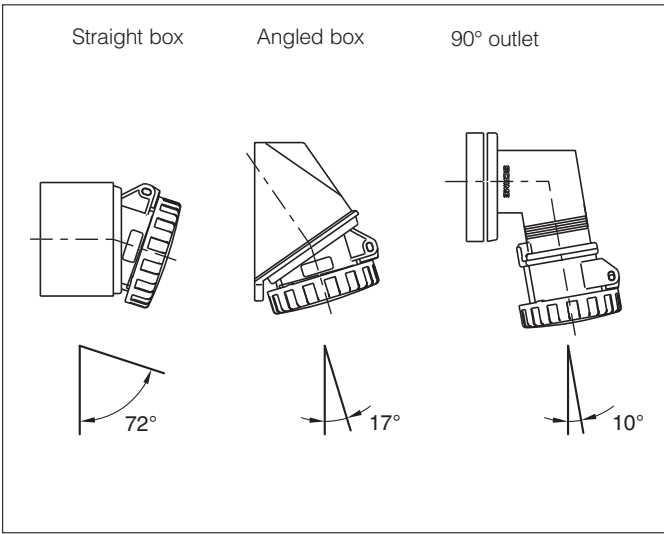
Rated operating voltage >50V  
- Approvals: from page 695  
- Empty surface mounting boxes: page 75

| EUREKA Series                                                                       |                |                                                                                     |                |
|-------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------|----------------|
|  |                |  |                |
| Straight outlet-reduced flange                                                      |                | 90° angled                                                                          |                |
| 16A                                                                                 | 32A            | 16A                                                                                 | 32A            |
| 75x75<br>10/100                                                                     | 75x75<br>10/50 | 70x87<br>10/50 <sup>1</sup>                                                         | 70x87<br>10/40 |
| 427.1660                                                                            | 427.3260       | 457.1660                                                                            | 457.3260       |
| 427.1663                                                                            | 427.3263       | 457.1663                                                                            | 457.3263       |
| 427.1668                                                                            | 427.3268       | 457.1668                                                                            | 457.3268       |
| 427.16636                                                                           | 427.32636      | 457.16636                                                                           | 457.32636      |
| 427.16633                                                                           | 427.32633      | 457.16633                                                                           | 457.32633      |
| 427.16632                                                                           | 427.32632      | 457.16632                                                                           | 457.32632      |
| 427.16634                                                                           | 427.32634      | 457.16634                                                                           | 457.32634      |
| 427.16638                                                                           | 427.32638      | 457.16638                                                                           | 457.32638      |
| 427.1661                                                                            | 427.3261       | 457.1661                                                                            | 457.3261       |
| 427.1664                                                                            | 427.3264       | 457.1664                                                                            | 457.3264       |
| 427.1666                                                                            | 427.3266       | 457.1666                                                                            | 457.3266       |
| 427.16665                                                                           | 427.32665      | 457.16665                                                                           | 457.32665      |
| 427.16666                                                                           | 427.32666      | 457.16666                                                                           | 457.32666      |
| 427.16667                                                                           | 427.32667      | 457.16667                                                                           | 457.32667      |
| 427.16664                                                                           | 427.32664      | 457.16664                                                                           | 457.32664      |
| 427.16661                                                                           | 427.32661      | 457.16661                                                                           | 457.32661      |
| 427.16662                                                                           | 427.32662      | 457.16662                                                                           | 457.32662      |
| 427.1662                                                                            | 427.3262       | 457.1662                                                                            | 457.3262       |
| 427.1665                                                                            | 427.3265       | 457.1665                                                                            | 457.3265       |
| 427.1667                                                                            | 427.3267       | 457.1667                                                                            | 457.3267       |
| 427.16676                                                                           | 427.32676      | 457.16676                                                                           | 457.32676      |
| 427.16677                                                                           | 427.32677      | 457.16677                                                                           | 457.32677      |
| 427.16675                                                                           | 427.32675      | 457.16675                                                                           | 457.32675      |
| 427.16674                                                                           | 427.32674      | 457.16674                                                                           | 457.32674      |
| 427.16672                                                                           | 427.32672      | 457.16672                                                                           | 457.32672      |

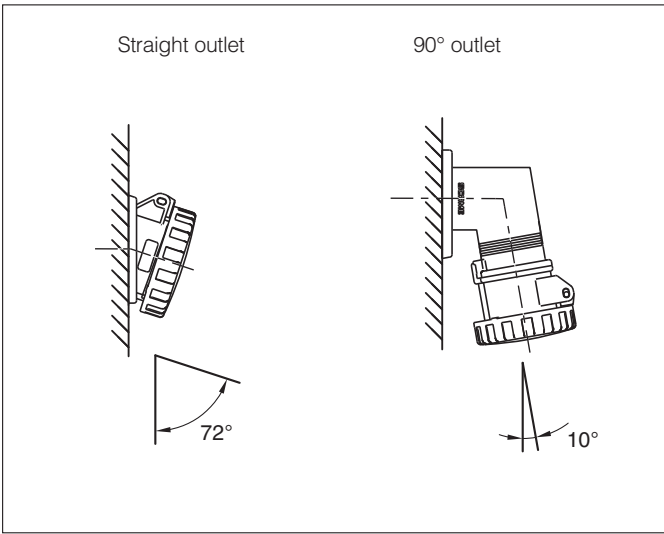
<sup>1</sup> 2P+E= 10/60

(●) The rubber seal acts as a drilling template, suitable for DOMINO Series consumer units (page 116)

> SURFACE MOUNTING INSTALLATION AXIS



> FLUSH MOUNTING SOCKET INSTALLATION AXIS



> SURFACE MOUNTING SOCKET OUTLETS

| EUREKA Series          |          |         |        |    |                          |                   |                   |                   |  |
|------------------------|----------|---------|--------|----|--------------------------|-------------------|-------------------|-------------------|--|
| <div><div></div></div> |          |         |        |    | <div><div></div></div>   |                   |                   |                   |  |
| IP44 - Straight box    |          |         |        |    | IP66/IP67 - Straight box |                   |                   |                   |  |
| Poles                  | Hz.      | Volt    | Colour | h. | 16A                      | 32A               | 16A               | 32A               |  |
|                        |          |         |        |    | PG16/M20<br>10/50        | PG21/M25<br>10/40 | PG16/M20<br>10/50 | PG21/M25<br>10/40 |  |
| 2P+E                   | 50/60    | 100-130 |        | 4  | 522.1650                 | 522.3250          | 527.1650          | 527.3250          |  |
|                        | 50/60    | 200-250 |        | 6  | 522.1653                 | 522.3253          | 527.1653          | 527.3253          |  |
|                        | 50/60    | 380-415 |        | 9  | 522.1658                 | 522.3258          | 527.1658          | 527.3258          |  |
|                        | 50/60    | 480-500 |        | 7  | 522.16536                | 522.32536         | 527.16536         | 527.32536         |  |
|                        | 50/60    | trasf.  |        | 12 | 522.16533                | 522.32533         | 527.16533         | 527.32533         |  |
|                        | >300-500 | >50     |        | 2  | 522.16532                | 522.32532         | 527.16532         | 527.32532         |  |
|                        | c.c.     | >50-250 |        | 3  | 522.16534                | 522.32534         | 527.16534         | 527.32534         |  |
|                        | c.c.     | >250    |        | 8  | 522.16538                | 522.32538         | 527.16538         | 527.32538         |  |
| 3P+E                   | 50/60    | 100-130 |        | 4  | 522.1651                 | 522.3251          | 527.1651          | 527.3251          |  |
|                        | 50/60    | 200-250 |        | 9  | 522.1654                 | 522.3254          | 527.1654          | 527.3254          |  |
|                        | 50/60    | 380-415 |        | 6  | 522.1656                 | 522.3256          | 527.1656          | 527.3256          |  |
|                        | 60       | 440-460 |        | 11 | 522.16565                | 522.32565         | 527.16565         | 527.32565         |  |
|                        | 50/60    | 480-500 |        | 7  | 522.16566                | 522.32566         | 527.16566         | 527.32566         |  |
|                        | 50/60    | 600-690 |        | 5  | 522.16567                | 522.32567         | 527.16567         | 527.32567         |  |
|                        | 50/60    | 380/440 |        | 3  | 522.16564                | 522.32564         | 527.16564         | 527.32564         |  |
|                        | 100-300  | >50     |        | 10 | 522.16561                | 522.32561         | 527.16561         | 527.32561         |  |
| 3P+N+E                 | >300-500 | >50     |        | 2  | 522.16562                | 522.32562         | 527.16562         | 527.32562         |  |
|                        | 50/60    | 100-130 |        | 4  | 522.1652                 | 522.3252          | 527.1652          | 527.3252          |  |
|                        | 50/60    | 208-250 |        | 9  | 522.1655                 | 522.3255          | 527.1655          | 527.3255          |  |
|                        | 50/60    | 346-415 |        | 6  | 522.1657                 | 522.3257          | 527.1657          | 527.3257          |  |
|                        | 50/60    | 480-500 |        | 7  | 522.16576                | 522.32576         | 527.16576         | 527.32576         |  |
|                        | 50/60    | 600-690 |        | 5  | 522.16577                | 522.32577         | 527.16577         | 527.32577         |  |
|                        | 60       | 440-460 |        | 11 | 522.16575                | 422.32575         | 527.16575         | 527.32575         |  |
|                        | 50/60    | 380/440 |        | 3  | 522.16574                | 522.32574         | 527.16574         | 527.32574         |  |
|                        | >300-500 | >50     |        | 2  | 522.16572                | 522.32572         | 527.16572         | 527.32572         |  |

Rated operating voltage >50V  
- Approvals: from page 695  
- Empty surface mounting boxes: page 75  
- With gasket 4 screw kit, enclosure with knockout entrance.

| EUREKA Series          |                   |                                |                   |                        | IEC309 Series          |  |
|------------------------|-------------------|--------------------------------|-------------------|------------------------|------------------------|--|
| <div><div></div></div> |                   |                                |                   |                        | <div><div></div></div> |  |
| IP44 - Angled box      |                   | IP66/IP67 - Angled box         |                   | IP66/IP67 - Angled box |                        |  |
| 16A                    | 32A               | 16A                            | 32A               | 63A                    | 125A                   |  |
| PG16/M20<br>10/50      | PG21/M25<br>10/40 | PG16/M20<br>10/50 <sup>1</sup> | PG21/M25<br>10/40 | PG29/M32<br>6/12       | PG48/M63<br>1/8        |  |
| 512.1650               | 512.3250          | 517.1650                       | 517.3250          | 515.6350               |                        |  |
| 512.1653               | 512.3253          | 517.1653                       | 517.3253          | 515.6353               | 515.12553              |  |
| 512.1658               | 512.3258          | 517.1658                       | 517.3258          | 515.6358               |                        |  |
| 512.16536              | 512.32536         | 517.16536                      | 517.32536         | 515.63536              |                        |  |
| 512.16533              | 512.32533         | 517.16533                      | 517.32533         | 515.63533              |                        |  |
| 512.16532              | 512.32532         | 517.16532                      | 517.32532         |                        |                        |  |
| 512.16534              | 512.32534         | 517.16534                      | 517.32534         | 515.63534              |                        |  |
| 512.16538              | 512.32538         | 517.16538                      | 517.32538         | 515.63538              |                        |  |
| 512.1651               | 512.3251          | 517.1651                       | 517.3251          | 515.6351               | 515.12551              |  |
| 512.1654               | 512.3254          | 517.1654                       | 517.3254          | 515.6354               | 515.12554              |  |
| 512.1656               | 512.3256          | 517.1656                       | 517.3256          | 515.6356               | 515.12556              |  |
| 512.16565              | 512.32565         | 517.16565                      | 517.32565         | 515.63565              | 515.125565             |  |
| 512.16566              | 512.32566         | 517.16566                      | 517.32566         | 515.63566              | 515.125566             |  |
| 512.16567              | 512.32567         | 517.16567                      | 517.32567         | 515.63567              | 515.125567             |  |
| 512.16564              | 512.32564         | 517.16564                      | 517.32564         |                        |                        |  |
| 512.16561              | 512.32561         | 517.16561                      | 517.32561         |                        |                        |  |
| 512.16562              | 512.32562         | 517.16562                      | 517.32562         |                        |                        |  |
| 512.1652               | 512.3252          | 517.1652                       | 517.3252          | 515.6352               | 515.12552              |  |
| 512.1655               | 512.3255          | 517.1655                       | 517.3255          | 515.6355               | 515.12555              |  |
| 512.1657               | 512.3257          | 517.1657                       | 517.3257          | 515.6357               | 515.12557              |  |
| 512.16576              | 512.32576         | 517.16576                      | 517.32576         | 515.63576              | 515.125576             |  |
| 512.16577              | 512.32577         | 517.16577                      | 517.32577         | 515.63577              | 515.125577             |  |
| 512.16575              | 512.32575         | 517.16575                      | 517.32575         | 515.63575              | 515.125575             |  |
| 512.16574              | 512.32574         | 517.16574                      | 517.32574         |                        |                        |  |
| 512.16572              | 512.32572         | 517.16572                      | 517.32572         |                        |                        |  |

<sup>1</sup> 3P+N+E= 10/40.  
 Versions also available in a metric cable inlet.  
For ordering add M after the first three digits (Ex. 522.M1650).

> PLUGS AND SOCKETS

IEC309 Series



| Poles | Hz.      | Volt           | Colour | h. | IP44      |           | IP66/IP67 |           |
|-------|----------|----------------|--------|----|-----------|-----------|-----------|-----------|
|       |          |                |        |    | 16A       | 32A       | 16A       | 32A       |
|       |          |                |        |    | 10/100    | 10/100    | 10/100    | 10/100    |
| 2P    | 50/60    | 20-25          |        | -  | 230.1600  | 230.3200  | 330.1605  | 330.3205  |
|       | 50/60    | 40-50          |        | 12 | 230.1601  | 230.3201  | 330.1606  | 330.3206  |
|       | 100-200  | 20-25<br>40-50 |        | 4  | 230.16010 | 230.32010 | 330.16060 | 330.32060 |
|       | 300      | 20-25<br>40-50 |        | 2  | 230.16012 | 230.32012 | 330.16062 | 330.32062 |
|       | 400      | 20-25<br>40-50 |        | 3  | 230.16014 | 230.32014 | 330.16064 | 330.32064 |
|       | >400-500 | 20-25<br>40-50 |        | 11 | 230.16015 | 230.32015 | 330.16065 | 330.32065 |
|       | c.c      | 20-25<br>40-50 |        | 10 | 230.1602  | 230.3202  | 330.1607  | 330.3207  |
| 3P    | 50/60    | 20-25          |        | -  | 230.1604  | 230.3204  | 330.1609  | 330.3209  |
|       | 50/60    | 40-50          |        | 12 | 230.1603  | 230.3203  | 330.1608  | 330.3208  |
|       | 100-200  | 20-25<br>40-50 |        | 4  | 230.16030 | 230.32030 | 330.16080 | 330.32080 |
|       | 300      | 20-25<br>40-50 |        | 2  | 230.16032 | 230.32032 | 330.16082 | 330.32082 |
|       | 400      | 20-25<br>40-50 |        | 3  | 230.16034 | 230.32034 | 330.16084 | 330.32084 |
|       | >400-500 | 20-25<br>40-50 |        | 11 | 230.16035 | 230.32035 | 330.16085 | 330.32085 |

| IP44      |           | IP66/IP67 |           |
|-----------|-----------|-----------|-----------|
| 16A       | 32A       | 16A       | 32A       |
| 10/100    | 10/100    | 10/100    | 10/100    |
| 235.1600  | 235.3200  | 335.1605  | 335.3205  |
| 235.1601  | 235.3201  | 335.1606  | 335.3206  |
| 235.16010 | 235.32010 | 335.16060 | 335.32060 |
| 235.16012 | 235.32012 | 335.16062 | 335.32062 |
| 235.16014 | 235.32014 | 335.16064 | 335.32064 |
| 235.16015 | 235.32015 | 335.16065 | 335.32065 |
| 235.1602  | 235.3202  | 335.1607  | 335.3207  |
| 235.1604  | 235.3204  | 335.1609  | 335.3209  |
| 235.1603  | 235.3203  | 335.1608  | 335.3208  |
| 235.16030 | 235.32030 | 335.16080 | 335.32080 |
| 235.16032 | 235.32032 | 335.16082 | 335.32082 |
| 235.16034 | 235.32034 | 335.16084 | 335.32084 |
| 235.16035 | 235.32035 | 335.16085 | 335.32085 |

Rated operating voltage <50V  
- Approvals: from page 695

> FLUSH MOUNTING SOCKET OUTLETS

IEC309 Series



| Poles | Hz.      | Volt           | Colour | h. | IP44 - Angled-standard flange |                   | IP66/IP67 - Angled-standard flange |                   |
|-------|----------|----------------|--------|----|-------------------------------|-------------------|------------------------------------|-------------------|
|       |          |                |        |    | 16A                           | 32A               | 16A                                | 32A               |
|       |          |                |        |    | 70x87<br>□ 10/100             | 70x87<br>□ 10/100 | 70x87<br>□ 10/100                  | 70x87<br>□ 10/100 |
| 2P    | 50/60    | 20-25          |        | -  | 430.1615                      | 430.3215          | 435.1615                           | 435.3215          |
|       | 50/60    | 40-50          |        | 12 | 430.1616                      | 430.3216          | 435.1616                           | 435.3216          |
|       | 100-200  | 20-25<br>40-50 |        | 4  | 430.16160                     | 430.32160         | 435.16160                          | 435.32160         |
|       | 300      | 20-25<br>40-50 |        | 2  | 430.16162                     | 430.32162         | 435.16162                          | 435.32162         |
|       | 400      | 20-25<br>40-50 |        | 3  | 430.16164                     | 430.32164         | 435.16164                          | 435.32164         |
|       | >400-500 | 20-25<br>40-50 |        | 11 | 430.16165                     | 430.32165         | 435.16165                          | 435.32165         |
|       | c.c      | 20-25<br>40-50 |        | 10 | 430.1617                      | 430.3217          | 435.1617                           | 435.3217          |
| 3P    | 50/60    | 20-25          |        | -  | 430.1619                      | 430.3219          | 435.1619                           | 435.3219          |
|       | 50/60    | 40-50          |        | 12 | 430.1618                      | 430.3218          | 435.1618                           | 435.3218          |
|       | 100-200  | 20-25<br>40-50 |        | 4  | 430.16180                     | 430.32180         | 435.16180                          | 435.32180         |
|       | 300      | 20-25<br>40-50 |        | 2  | 430.16182                     | 430.32182         | 435.16182                          | 435.32182         |
|       | 400      | 20-25<br>40-50 |        | 3  | 430.16184                     | 430.32184         | 435.16184                          | 435.32184         |
|       | >400-500 | 20-25<br>40-50 |        | 11 | 430.16185                     | 430.32185         | 435.16185                          | 435.32185         |

| IP44 - Straight-reduced-flange |                   | IP66/IP67 - Straight-reduced-flange |                   |
|--------------------------------|-------------------|-------------------------------------|-------------------|
| 16A                            | 16A               | 16A                                 | 16A               |
| 55x55<br>□ 10/100              | 55x55<br>□ 10/100 | 55x55<br>□ 10/100                   | 55x55<br>□ 10/100 |
| 430.1615/R                     | 430.3215/R        | 435.1615/R                          | 435.3215/R        |
| 430.1616/R                     | 430.3216/R        | 435.1616/R                          | 435.3216/R        |
| 430.16160/R                    | 430.32160/R       | 435.16160/R                         | 435.32160/R       |
| 430.16162/R                    | 430.32162/R       | 435.16162/R                         | 435.32162/R       |
| 430.16164/R                    | 430.32164/R       | 435.16164/R                         | 435.32164/R       |
| 430.16165/R                    | 430.32165/R       | 435.16165/R                         | 435.32165/R       |
| 430.1617/R                     | 430.3217/R        | 435.1617/R                          | 435.3217/R        |
| 430.1619/R                     | 430.3219/R        | 435.1619/R                          | 435.3219/R        |
| 430.1618/R                     | 430.3218/R        | 435.1618/R                          | 435.3218/R        |
| 430.16180/R                    | 430.32180/R       | 435.16180/R                         | 435.32180/R       |
| 430.16182/R                    | 430.32182/R       | 435.16182/R                         | 435.32182/R       |
| 430.16184/R                    | 430.32184/R       | 435.16184/R                         | 435.32184/R       |
| 430.16185/R                    | 430.32185/R       | 435.16185/R                         | 435.32185/R       |

Rated operating voltage <50V  
- Approvals: from page 695

> SURFACE MOUNTING SOCKET OUTLETS

|       |          |                |                                                                                     |    |            |            |            |            |  | IEC309 Series                                                                       |           |                                                                                     |           |  |
|-------|----------|----------------|-------------------------------------------------------------------------------------|----|------------|------------|------------|------------|--|-------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------|-----------|--|
|       |          |                |                                                                                     |    |            |            |            |            |  |   |           |  |           |  |
|       |          |                |                                                                                     |    |            |            |            |            |  | IP44 - Angled box                                                                   |           | IP66/IP67 - Angled box                                                              |           |  |
|       |          |                |                                                                                     |    |            |            |            |            |  | 16A                                                                                 |           | 32A                                                                                 |           |  |
|       |          |                |                                                                                     |    |            |            |            |            |  | PG16/M20<br>□ 10/50                                                                 |           | PG16/M20<br>□ 10/50                                                                 |           |  |
| Poles | Hz.      | Volt           | Colour                                                                              | h. |            |            |            |            |  |                                                                                     |           |                                                                                     |           |  |
| 2P    | 50/60    | 20-25          |    | -  | 530.01610  | 530.03210  | 535.01610  | 535.03210  |  |                                                                                     |           |                                                                                     |           |  |
|       | 50/60    | 40-50          |    | 12 | 530.01611  | 530.03211  | 535.01611  | 535.03211  |  |                                                                                     |           |                                                                                     |           |  |
|       | 100-200  | 20-25<br>40-50 |    | 4  | 530.016110 | 530.032110 | 535.016110 | 535.032110 |  |                                                                                     |           |                                                                                     |           |  |
|       | 300      | 20-25<br>40-50 |    | 2  | 530.016112 | 530.032112 | 535.016112 | 535.032112 |  |                                                                                     |           |                                                                                     |           |  |
|       | 400      | 20-25<br>40-50 |    | 3  | 530.016114 | 530.032114 | 535.016114 | 535.032114 |  |                                                                                     |           |                                                                                     |           |  |
|       | >400-500 | 20-25<br>40-50 |    | 11 | 530.016115 | 530.032115 | 535.016115 | 535.032115 |  |                                                                                     |           |                                                                                     |           |  |
|       | c.c      | 20-25<br>40-50 |    | 10 | 530.01612  | 530.03212  | 535.01612  | 535.03212  |  |                                                                                     |           |                                                                                     |           |  |
| 3P    | 50/60    | 20-25          |   | -  | 530.01614  | 530.03214  | 535.01614  | 535.03214  |  |                                                                                     |           |                                                                                     |           |  |
|       | 50/60    | 40-50          |  | 12 | 530.01613  | 530.03213  | 535.01613  | 535.03213  |  |                                                                                     |           |                                                                                     |           |  |
|       | 100-200  | 20-25<br>40-50 |  | 4  | 530.016130 | 530.032130 | 535.016130 | 535.032130 |  |                                                                                     |           |                                                                                     |           |  |
|       | 300      | 20-25<br>40-50 |  | 2  | 530.016132 | 530.032132 | 535.016132 | 535.032132 |  |                                                                                     |           |                                                                                     |           |  |
|       | 400      | 20-25<br>40-50 |  | 3  | 530.016134 | 530.032134 | 535.016134 | 535.032134 |  |                                                                                     |           |                                                                                     |           |  |
|       | >400-500 | 20-25<br>40-50 |  | 11 | 530.016135 | 530.032135 | 535.016135 | 535.032135 |  |                                                                                     |           |                                                                                     |           |  |
|       |          |                |                                                                                     |    |            |            |            |            |  |  |           |  |           |  |
|       |          |                |                                                                                     |    |            |            |            |            |  | IP44 - Straight box                                                                 |           | IP66/IP67 - Straight box                                                            |           |  |
|       |          |                |                                                                                     |    |            |            |            |            |  | 16A                                                                                 |           | 32A                                                                                 |           |  |
|       |          |                |                                                                                     |    |            |            |            |            |  | PG16/M20<br>□ 10/50                                                                 |           | PG16/M20<br>□ 10/50                                                                 |           |  |
|       |          |                |                                                                                     |    |            |            |            |            |  | 530.1610                                                                            | 530.3210  | 535.1610                                                                            | 535.3210  |  |
|       |          |                |                                                                                     |    |            |            |            |            |  | 530.1611                                                                            | 530.3211  | 535.1611                                                                            | 535.3211  |  |
|       |          |                |                                                                                     |    |            |            |            |            |  | 530.16110                                                                           | 530.32110 | 535.16110                                                                           | 535.32110 |  |
|       |          |                |                                                                                     |    |            |            |            |            |  | 530.16112                                                                           | 530.32112 | 535.16112                                                                           | 535.32112 |  |
|       |          |                |                                                                                     |    |            |            |            |            |  | 530.16114                                                                           | 530.32114 | 535.16114                                                                           | 535.32114 |  |
|       |          |                |                                                                                     |    |            |            |            |            |  | 530.16115                                                                           | 530.32115 | 535.16115                                                                           | 535.32115 |  |
|       |          |                |                                                                                     |    |            |            |            |            |  | 530.1612                                                                            | 530.3212  | 535.1612                                                                            | 535.3212  |  |
|       |          |                |                                                                                     |    |            |            |            |            |  | 530.1614                                                                            | 530.3214  | 535.1614                                                                            | 535.3214  |  |
|       |          |                |                                                                                     |    |            |            |            |            |  | 530.1613                                                                            | 530.3213  | 535.1613                                                                            | 535.3213  |  |
|       |          |                |                                                                                     |    |            |            |            |            |  | 530.16130                                                                           | 530.32130 | 535.16130                                                                           | 535.32130 |  |
|       |          |                |                                                                                     |    |            |            |            |            |  | 530.16132                                                                           | 530.32132 | 535.16132                                                                           | 535.32132 |  |
|       |          |                |                                                                                     |    |            |            |            |            |  | 530.16134                                                                           | 530.32134 | 535.16134                                                                           | 535.32134 |  |
|       |          |                |                                                                                     |    |            |            |            |            |  | 530.16135                                                                           | 530.32135 | 535.16135                                                                           | 535.32135 |  |

Rated operating voltage <50V  
- Approvals: from page 695  
- Whit gasket, 4 screw kit, enclosure with knockout entrance.

■ The surface mounting socket outlets illustrated on this two pages, are also available in a metric cable inlet. For ordering add. M after the first three digits (Ex. 535.M01610).

> WATERTIGHT AND SPLASHPROOF PIN AND SLEEVE DEVICES IP67 AND IP44 - 20A

EUREKA-HD Series



WATERTIGHT - IP67

| Poles & Wires | Configuration         |            |                | Voltage/ Colour Coding | Plug       | Connector  | Cable O.D. Range Inches | Receptable | Inlet      |
|---------------|-----------------------|------------|----------------|------------------------|------------|------------|-------------------------|------------|------------|
|               | Receptable/ Connector | Plug/Inlet | Clock position |                        |            |            |                         |            |            |
| 2P 3W         |                       |            | 4h             | 125                    | SCM320P4W  | SCM320C4W  | .57-.71                 | SCM320R4W  | SCM320B4W  |
| 2P 3W         |                       |            | 6h             | 250                    | SCM320P6W  | SCM320C6W  | .57-.71                 | SCM320R6W  | SCM320B6W  |
| 2P 3W         |                       |            | 5h             | 277                    | SCM320P5W  | SCM320C5W  | .57-.71                 | SCM320R5W  | SCM320B5W  |
| 2P 3W         |                       |            | 7h             | 480                    | SCM320P7W  | SCM320C7W  | .57-.71                 | SCM320R7W  | SCM320B7W  |
| 3P 4W         |                       |            | 12h            | 125/250                | SCM420P12W | SCM420C12W | .57-.71                 | SCM420R12W | SCM420B12W |
| 3P 4W         |                       |            | 9h             | 3Ø250                  | SCM420P9W  | SCM420C9W  | .57-.71                 | SCM420R9W  | SCM420B9W  |
| 3P 4W         |                       |            | 7h             | 3Ø480                  | SCM420P7W  | SCM420C7W  | .57-.71                 | SCM420R7W  | SCM420B7W  |
| 3P 4W         |                       |            | 5h             | 3Ø600                  | SCM420P5W  | SCM420C5W  | .57-.71                 | SCM420R5W  | SCM420B5W  |
| 4P 5W         |                       |            | 9h             | 3ØY120/208             | SCM520P9W  | SCM520C9W  | .57-.71                 | SCM520R9W  | SCM520B9W  |
| 4P 5W         |                       |            | 7h             | 3ØY277/480             | SCM520P7W  | SCM520C7W  | .57-.71                 | SCM520R7W  | SCM520B7W  |
| 4P 5W         |                       |            | 5h             | 3ØY347/600             | SCM520P5W  | SCM520C5W  | .57-.71                 | SCM520R5W  | SCM520B5W  |

SPLASHPROOF - IP44

|        |  |  |     |             |            |            |         |            |            |
|--------|--|--|-----|-------------|------------|------------|---------|------------|------------|
| 2P 3W  |  |  | 4h  | 125         | SCM320P4S  | SCM320C4S  | .57-.71 | SCM320R4S  | SCM320B4S  |
| 2P 3W  |  |  | 6h  | 250         | SCM320P6S  | SCM320C6S  | .57-.71 | SCM320R6S  | SCM320B6S  |
| 2P 3W  |  |  | 5h  | 277         | SCM320P5S  | SCM320C5S  | .57-.71 | SCM320R5S  | SCM320B5S  |
| 3P 4W  |  |  | 12h | 125/250     | SCM420P12S | SCM420C12S | .57-.71 | SCM420R12S | SCM420B12S |
| 3P 4W  |  |  | 9h  | 3ph.250     | SCM420P9S  | SCM420C9S  | .57-.71 | SCM420R9S  | SCM420B9S  |
| 4P 5W* |  |  | 9h  | 3ph.120/208 | SCM520P9S  | SCM520C9S  | .57-.71 | SCM520R9S  | SCM520B9S  |

(1) Can be used with T&B Russellstoll JB series back boxes.

Reating operating voltage >50V  
UL Listed E238171, E238172  
UL Classified E238170  
- Approvals: from page 695

> WATERTIGHT AND SPLASHPROOF PIN AND SLEEVE DEVICES IP67 AND IP44 - 30A

EUREKA-HD Series



WATERTIGHT - IP67

| Poles & Wires | Configuration         |            |                | Voltage/ Colour Coding | Plug       | Connector  | Cable O.D. Range Inches | Receptable | Inlet      |
|---------------|-----------------------|------------|----------------|------------------------|------------|------------|-------------------------|------------|------------|
|               | Receptable/ Connector | Plug/Inlet | Clock position |                        |            |            |                         |            |            |
| 2P 3W         |                       |            | 4h             | 125                    | SCM330P4W  | SCM330C4W  | .675-.91                | SCM330R4W  | SCM330B4W  |
| 2P 3W         |                       |            | 6h             | 250                    | SCM330P6W  | SCM330C6W  | .675-.91                | SCM330R6W  | SCM330B6W  |
| 2P 3W         |                       |            | 7h             | 480                    | SCM330P7W  | SCM330C7W  | .675-.91                | SCM330R7W  | SCM330B7W  |
| 3P 4W         |                       |            | 12h            | 125/250                | SCM430P12W | SCM430C12W | .675-.91                | SCM430R12W | SCM430B12W |
| 3P 4W         |                       |            | 9h             | 3Ø250                  | SCM430P9W  | SCM430C9W  | .675-.91                | SCM430R9W  | SCM430B9W  |
| 3P 4W         |                       |            | 7h             | 3Ø480                  | SCM430P7W  | SCM430C7W  | .675-.91                | SCM430R7W  | SCM430B7W  |
| 3P 4W         |                       |            | 5h             | 3Ø600                  | SCM430P5W  | SCM430C5W  | .675-.91                | SCM430R5W  | SCM430B5W  |
| 4P 5W         |                       |            | 9h             | 3ØY120/208             | SCM530P9W  | SCM530C9W  | .675-.91                | SCM530R9W  | SCM530B9W  |
| 4P 5W         |                       |            | 7h             | 3ØY277/480             | SCM530P7W  | SCM530C7W  | .675-.91                | SCM530R7W  | SCM530B7W  |
| 4P 5W         |                       |            | 5h             | 3ØY347/600             | SCM530P5W  | SCM530C5W  | .675-.91                | SCM530R5W  | SCM530B5W  |

SPLASHPROOF - IP44

|       |  |  |     |             |            |            |          |            |            |
|-------|--|--|-----|-------------|------------|------------|----------|------------|------------|
| 2P 3W |  |  | 4h  | 125         | SCM330P4S  | SCM330C4S  | .675-.91 | SCM330R4S  | SCM330B4S  |
| 2P 3W |  |  | 6h  | 250         | SCM330P6S  | SCM330C6S  | .675-.91 | SCM330R6S  | SCM330B6S  |
| 2P 3W |  |  | 5h  | 277         | SCM330P5S  | SCM330C5S  | .675-.91 | SCM330R5S  | SCM330B5S  |
| 3P 4W |  |  | 12h | 125/250     | SCM430P12S | SCM430C12S | .675-.91 | SCM430R12S | SCM430B12S |
| 3P 4W |  |  | 9h  | 3ph.250     | SCM430P9S  | SCM430C9S  | .675-.91 | SCM430R9S  | SCM430B9S  |
| 4P 5W |  |  | 9h  | 3ph.120/208 | SCM530P9S  | SCM530C9S  | .675-.91 | SCM530R9S  | SCM530B9S  |

(1) Can be used with T&B Russellstoll JB series back boxes.



> WATERTIGHT AND SPLASHPROOF PIN AND SLEEVE DEVICES IP67 - 60A

EUREKA-HD Series



WATERTIGHT - IP67

| Poles & Wires | Configuration         |            |                | Voltage/ Colour Coding | Plug       | Connector  | Cable O.D. Range Inches | Receptable | Inlet      |
|---------------|-----------------------|------------|----------------|------------------------|------------|------------|-------------------------|------------|------------|
|               | Receptable/ Connector | Plug/Inlet | Clock position |                        |            |            |                         |            |            |
| 2P 3W         |                       |            | 4h             | 125                    | SCM360P4W  | SCM360C4W  | .937-1.375              | SCM360R4W  | SCM360B4W  |
| 2P 3W         |                       |            | 6h             | 250                    | SCM360P6W  | SCM360C6W  | .937-1.375              | SCM360R6W  | SCM360B6W  |
| 2P 3W         |                       |            | 5h             | 277                    | SCM360P5W  | SCM360C5W  | .937-1.375              | SCM360R5W  | SCM360B5W  |
| 2P 3W         |                       |            | 7h             | 480                    | SCM360P7W  | SCM360C7W  | .937-1.375              | SCM360R7W  | SCM360B7W  |
| 2P 3W         |                       |            | 3h             | 250DC                  | SCM360P3W  | SCM360C3W  | .937-1.375              | SCM360R3W  | SCM360B3W  |
| 3P 4W         |                       |            | 12h            | 125/250                | SCM460P12W | SCM460C12W | .937-1.375              | SCM460R12W | SCM460B12W |
| 3P 4W         |                       |            | 9h             | 3Ø250                  | SCM460P9W  | SCM460C9W  | .937-1.375              | SCM460R9W  | SCM460B9W  |
| 3P 4W         |                       |            | 7h             | 3Ø480                  | SCM460P7W  | SCM460C7W  | .937-1.375              | SCM460R7W  | SCM460B7W  |
| 3P 4W         |                       |            | 5h             | 3Ø600                  | SCM460P5W  | SCM460C5W  | .937-1.375              | SCM460R5W  | SCM460B5W  |
| 4P 5W         |                       |            | 9h             | 3ØY120/208             | SCM560P9W  | SCM560C9W  | .937-1.375              | SCM560R9W  | SCM560B9W  |
| 4P 5W         |                       |            | 7h             | 3ØY277/480             | SCM560P7W  | SCM560C7W  | .937-1.375              | SCM560R7W  | SCM560B7W  |
| 4P 5W         |                       |            | 5h             | 3ØY347/600             | SCM560P5W  | SCM560C5W  | .937-1.375              | SCM560R5W  | SCM560B5W  |

(1) Can be used with T&B Russellstoll JB series back boxes.

> WATERTIGHT AND SPLASHPROOF PIN AND SLEEVE DEVICES IP67 - 100A

EUREKA-HD Series



WATERTIGHT - IP67

| Poles & Wires | Configuration         |            |                | Voltage/ Colour Coding | Plug        | Connector   | Cable O.D. Range Inches | Receptable  | Inlet       |
|---------------|-----------------------|------------|----------------|------------------------|-------------|-------------|-------------------------|-------------|-------------|
|               | Receptable/ Connector | Plug/Inlet | Clock position |                        |             |             |                         |             |             |
| 2P 3W         |                       |            | 6h             | 250                    | SCM3100P6W  | *           | 1.2650-1.790            | *           | *           |
| 2P 3W         |                       |            | 7h             | 480                    | *           | *           | 1.2650-1.790            | *           | *           |
| 3P 4W         |                       |            | 12h            | 125/250                | SCM4100P12W | SCM4100C12W | 1.2650-1.790            | SCM4100R12W | SCM4100B12W |
| 3P 4W         |                       |            | 9h             | 3Ø250                  | SCM4100P9W  | SCM4100C9W  | 1.2650-1.790            | SCM4100R9W  | SCM4100B9W  |
| 3P 4W         |                       |            | 7h             | 3Ø480                  | SCM4100P7W  | SCM4100C7W  | 1.2650-1.790            | SCM4100R7W  | SCM4100B7W  |
| 3P 4W         |                       |            | 5h             | 3Ø600                  | SCM4100P5W  | SCM4100C5W  | 1.2650-1.790            | SCM4100R5W  | SCM4100B5W  |
| 4P 5W         |                       |            | 9h             | 3ØY120/208             | SCM5100P9W  | SCM5100C9W  | 1.2650-1.790            | SCM5100R9W  | SCM5100B9W  |
| 4P 5W         |                       |            | 7h             | 3ØY277/480             | SCM5100P7W  | SCM5100C7W  | 1.2650-1.790            | SCM5100R7W  | SCM5100B7W  |
| 4P 5W         |                       |            | 5h             | 3ØY347/600             | SCM5100P5W  | SCM5100C5W  | 1.2650-1.790            | SCM5100R5W  | SCM5100B5W  |

(1) Can be used with T&B Russellstoll JB series back boxes.

Reating operating voltage >50V  
UL Listed E238171, E238172  
UL Classified E238170  
- Approvals: from page 695

> INTERNATIONAL RATINGS

EUREKA-HD Series



16A IP44

| Poles & Wires | Configuration         |            |                | Voltage/ Colour Coding | Plug      | Connector | Cable O.D. Range Inches | Receptable | Inlet     |
|---------------|-----------------------|------------|----------------|------------------------|-----------|-----------|-------------------------|------------|-----------|
|               | Receptable/ Connector | Plug/Inlet | Clock position |                        |           |           |                         |            |           |
| 2P 3W         |                       |            | 4h             | 110V                   | SCM316P4S | SCM316C4S | .57-.71                 | SCM316R4S  | SCM316B4S |
| 2P 3W         |                       |            | 6h             | 250V                   | SCM316P6S | SCM316C6S | .57-.71                 | SCM316R6S  | SCM316B6S |
| 3P 4W         |                       |            | 6h             | 380-415V               | SCM416P6S | SCM416C6S | .57-.71                 | SCM416R6S  | SCM416B6S |
| 4P 5W         |                       |            | 6h             | 220-240/ 380-415V      | SCM516P6S | SCM516C6S | .57-.71                 | SCM516R6S  | SCM516B6S |

32A IP44

|       |  |  |    |                   |                                            |           |          |           |           |
|-------|--|--|----|-------------------|--------------------------------------------|-----------|----------|-----------|-----------|
| 2P 3W |  |  | 4h | 110V              | SCM332P4S                                  | SCM332C4S | .675-.91 | SCM332R4S | SCM332B4S |
| 2P 3W |  |  | 6h | 250V              | SCM332P6S                                  | SCM332C6S | .675-.91 | SCM332R6S | SCM332B6S |
| 3P 4W |  |  | 6h | 380-415V          | SCM432P6S                                  | SCM432C6S | .675-.91 | SCM432R6S | SCM432B6S |
| 3P 4W |  |  | 3h | 380-440V          | Special Application - Contact Tech Support |           |          |           |           |
| 4P 5W |  |  | 6h | 220-240/ 380-415V | SCM532P6S                                  | SCM532C6S | .675-.91 | SCM532R6S | SCM532B6S |

(1) Can be used with T&B Russellstoll JB series back boxes.

Reating operating voltage >50V  
UL Classified E238170  
- Approvals: from page 695

EUREKA-HD Series



63A IP67

| Poles & Wires | Configuration         |            |                | Voltage/ Colour Coding | Plug      | Connector | Cable O.D. Range Inches | Receptable | Inlet     |
|---------------|-----------------------|------------|----------------|------------------------|-----------|-----------|-------------------------|------------|-----------|
|               | Receptable/ Connector | Plug/Inlet | Clock position |                        |           |           |                         |            |           |
| 2P 3W         |                       |            | 6h             | 250V                   | SCM363P6W | SCM363C6W | .937-1.375              | SCM363R6W  | SCM363B6W |
| 3P 4W         |                       |            | 6h             | 380-415V               | SCM463P6W | SCM463C6W | .937-1.375              | SCM463R6W  | SCM463B6W |
| 4P 5W         |                       |            | 6h             | 220-240/ 380-415V      | SCM563P6W | SCM563C6W | .937-1.375              | SCM563R6W  | SCM563B6W |

125A IP67

|         |  |  |    |                   |            |            |             |            |            |
|---------|--|--|----|-------------------|------------|------------|-------------|------------|------------|
| 2P 3W** |  |  | 6h | 250V              | SCM3125P6W | SCM3125C6W | 1.265-1.790 | SCM3125R6W | SCM3125B6W |
| 3P 4W   |  |  | 6h | 380-415V          | SCM4125P6W | SCM4125C6W | 1.265-1.790 | SCM4125R6W | SCM4125B6W |
| 4P 5W   |  |  | 6h | 220-240/ 380-415V | SCM5125P6W | SCM5125C6W | 1.265-1.790 | SCM5125R6W | SCM5125B6W |

(1) Can be used with T&B Russellstoll JB series back boxes.

Reating operating voltage >50V  
UL Classified E238170  
- Approvals: from page 695

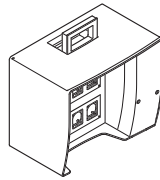
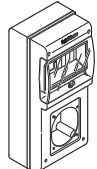
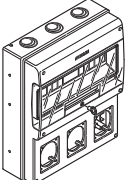
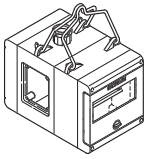
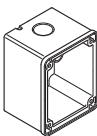
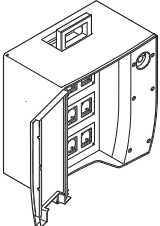
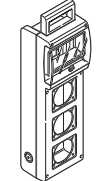
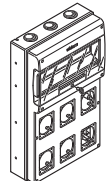
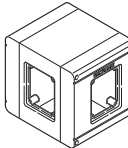
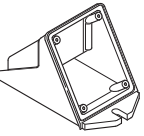
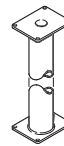
> CONNECTOR FOR ELECTRIC VEHICLES - IP44

LIBERA Series

| Description               | Type                                     |        |           |
|---------------------------|------------------------------------------|--------|-----------|
| Adaptors for domestic use | Italian plug (P17) 16A-230V~ 2P+E - IP20 | 10/100 | 200.01623 |
|                           | French-German plug 16A-230V~ 2P+E - IP20 | 10/100 | 200.01624 |
| Plug                      | 16A-230V~ 2P+E+pilot - IP44              | 10/100 | 200.01633 |
|                           | 32A-230V~ 2P+E+pilot - IP44              | 10/100 | 200.03233 |

| Description           | Type                        | Flange   |           |
|-----------------------|-----------------------------|----------|-----------|
| Connectors            | 16A-230V~ 2P+E+pilot - IP44 | 10/100   | 200.01643 |
|                       | 32A-230V~ 2P+E+pilot - IP44 | 10/100   | 200.03243 |
| Flush mounting socket | 16A-230V~ 2P+E+pilot - IP44 | 70x87 mm | 200.01663 |
|                       | 32A-230V~ 2P+E+pilot - IP44 | 70x87 mm | 200.03263 |
| Angled socket         | 16A-230V~ 2P+E+pilot - IP44 | 70x87 mm | 200.01693 |
|                       | 32A-230V~ 2P+E+pilot - IP44 | 70x87 mm | 200.03293 |

> COMPLETION OF THE OFFER:

| Enclosure<br>MBOX Series                                                                                            | Enclosure<br>BLOCK Series IP66                                                                      | Enclosure<br>DOMINO Series IP66                                                                 | Adaptors and Turrets<br>ADAPTO Series                                                                | Wall boxes<br>DOMO Series                                                                         |
|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| <br>656.0026-000                 | <br>632.1500-000 | <br>672.4316 | <br>623.3500-000 | <br>570.0016 |
| <br>657.0038-000<br>657.0039-000 | <br>632.3500-000 | <br>672.5616 | <br>625.4500-000 | <br>570.0116 |
|                                                                                                                     | <br>632.4500-000 |                                                                                                 | <br>692.4340     |                                                                                                   |

> SUPPLY PANEL FOR ELECTRIC VEHICLES

Technical characteristics

- Version with earthing conductor control card for self-propelling electric vehicles (as adopted in Italy – 3 charge mode – and as specified in the standard CEI 69-6 regarding recharging in areas open to third parties).
- N. 2 Libera series 2P+E+ pilot according to CEI 69-6.
- Socket protection with D curve bipolar MT switch and “A” type differential on each socket.
- Emergency cut-off of the recharging system (and the supply of the sockets).
- Panel supply voltage: 230 Vac.
- Rated current: 32A

LIBERA Series

| Description                                                      |   |              |
|------------------------------------------------------------------|---|--------------|
| With 2 Libera Series 16A flush sockets and emergency push-button | 1 | 671.3026-480 |

> ACCESORIES

LIBERA Series

| Description                      |   |          |
|----------------------------------|---|----------|
| Tubular pole in galvanized steel | 1 | 654.0650 |
| Fastening plate                  | 1 | 654.0651 |

> FRONT VIEW



>SIDE VIEW



> FLUSH MOUNTING - FLANGE 50X60mm - IP54

DOMO Series



| Description        | Standard         |  |        |
|--------------------|------------------|--|--------|
| 2P+E - 16A - 250V~ | Italian (P30)    |  | 10/100 |
| 2P+E - 16A - 250V~ | German           |  | 10/100 |
| 2P+E - 16A - 250V~ | Italian (P17/11) |  | 10/100 |
| 2P+E - 16A - 250V~ | French (UTE)     |  | 10/100 |

- With spring lid.  
- Supplied with gasket.

570.2081

570.2061

570.2071

570.2091

> FLUSH MOUNTING - FLANGE 70X87mm - IP54

DOMO Series



| Description        | Standard         |  |        |
|--------------------|------------------|--|--------|
| 2P+E - 16A - 250V~ | Pluristandard    |  | 10/100 |
| 2P+E - 16A - 250V~ | German           |  | 10/100 |
| 2P+E - 16A - 250V~ | Italian (P17/11) |  | 10/100 |
| 2P+E - 16A - 250V~ | Italian (P30)    |  | 10/100 |
| 2P+E - 16A - 250V~ | French (UTE)     |  | 10/100 |

- With spring lid.  
- Supplied with gasket.  
- Suitable for product 570.0016 and 570.0116 (see page 75).

570.4051

570.4061

570.4071

570.4081

570.4091

> FLUSH MOUNTING - FLANGE 70X87mm - IP54

DOMO Series



| Description        | Standard |  |        |
|--------------------|----------|--|--------|
| 2P+E - 13A - 250V~ | British  |  | 10/100 |

- With spring lid.  
- Supplied with gasket.  
- Not suitable for product 570.0116 and 0116 (see page 75).

570.4080

> SURFACE MOUNTING - FLANGE 70X87mm - IP54

DOMO Series



| Description        | Standard         | Cable Inlet |             |              |
|--------------------|------------------|-------------|-------------|--------------|
| 2P+E - 16A - 250V~ | Pluristandard    |             | PG16<br>M20 | 9/90<br>9/90 |
| 2P+E - 16A - 250V~ | German           |             | PG16<br>M20 | 9/90<br>9/90 |
| 2P+E - 16A - 250V~ | Italian (P17/11) |             | PG16<br>M20 | 9/90<br>9/90 |
| 2P+E - 16A - 250V~ | Italian (P30)    |             | PG16<br>M20 | 9/90<br>9/90 |
| 2P+E - 16A - 250V~ | French (UTE)     |             | PG16<br>M20 | 9/90<br>9/90 |

- With spring lid.  
- Supplied with gasket.  
- Box already mounted product 570.0016 (see page 75)

570.4151

570.M4151

570.4161

570.M4161

570.4171

570.M4171

570.4181

570.M4181

570.4191

570.M4191

> BS SOCKET OUTLET - IP66

DOMO Series



| Description                  | Socket outlet |      |          |
|------------------------------|---------------|------|----------|
| Switched socket-outlet (13A) |               | 1/12 | 570.7180 |

| Italian Standard P11 10A                    | Italian Standard P17/11 16A                 | Italian Standard P30 16A                    | German Standard 16A | French Standard 16A | Pluristandard Socket 16A | British Standard Socket 13A |
|---------------------------------------------|---------------------------------------------|---------------------------------------------|---------------------|---------------------|--------------------------|-----------------------------|
|                                             |                                             |                                             |                     |                     |                          |                             |
| Shuttered socket Italian standard CEI 23-50 | Shuttered socket Italian standard CEI 23-50 | Shuttered socket Italian standard CEI 23-50 | Unshuttered socket  | Shuttered socket    | Shuttered socket         | Shuttered socket            |

> MECHANICAL LOCKING DEVICES - IP67

ACCESSORIES



| Description |   |          |
|-------------|---|----------|
| 63A 3P+N+T  | 1 | 570.1563 |
| 125A 3P+N+T | 1 | 570.1125 |

- Allows only authorised personnel to handle the appliance coupler.
- For Scame IP66/IP67 appliance inlets IEC309 Series (see page 45).
- Made of zinc plated steel.
- Can be padlocked.

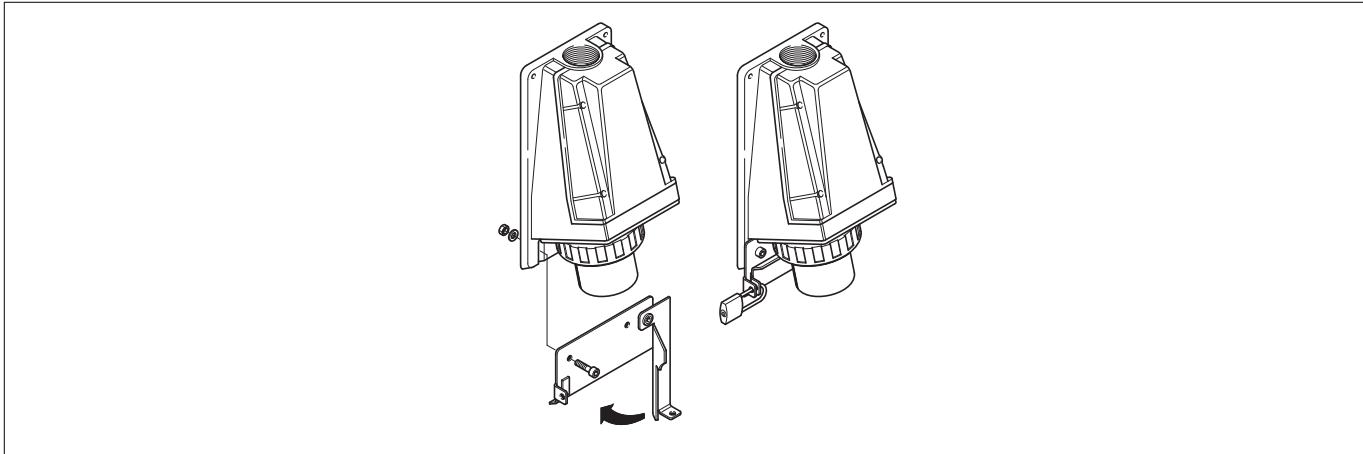
> COVER FOR IP44 AND IP67 PLUGS

ACCESSORIES



| Description                |        |          |
|----------------------------|--------|----------|
| Plugs cover 16A/20A - 2P+E | 10/100 | 570.0316 |

> MECHANICAL LOCK ON 63A PLUG



> EMPTY SURFACE MOUNTING BOXES - IP67

DOMO Series



| Outlet       | Cable Inlet   | Suitable for sockets | Flange dim (mm) | Cable Inlet |    |               |
|--------------|---------------|----------------------|-----------------|-------------|----|---------------|
| Straight box | Knockout hole | 16A IP44/IP67        | 70x87           | PG16        | 10 | 570.0016 (*)  |
|              |               |                      |                 | M20         | 10 | 570.M0016 (*) |
|              |               | 32A IP44/IP67        | 84x106          | PG21        | 10 | 570.0032 (*)  |
|              |               |                      |                 | M25         | 10 | 570.M0032 (*) |
| Angled box   | Knockout hole | 16A IP44/IP67        | 70x87           | PG16        | 10 | 570.0116      |
|              |               |                      |                 | M20         | 10 | 570.M0116     |
|              |               | 32A IP44/IP67        | 84x106          | PG21        | 10 | 570.0132      |
|              |               |                      |                 | M25         | 10 | 570.M0132     |
| Threaded     |               | 63A IP67             | 100X110         | PG29        | 6  | 570.0163      |
|              |               |                      |                 | M32         | 6  | 570.M0163     |
|              |               | 125A IP67            | 114X114         | PG48        | 6  | 570.0125      |
|              |               |                      |                 | M63         | 6  | 570.M0125     |

- For the surface mounting of IEC309, EUREKA and DOMO Serie panel mounting socket outlets.
- Supplied with socket fastening screws.
- Screw cap with seal.
- (\*) Suitable for the sealing caps

> SEALING CAPS

ACCESSORIES



| Description              |        |          |
|--------------------------|--------|----------|
| Sealing caps (12 pieces) | 10/100 | 654.0080 |

