# **SCAME**

#### CONSUMER UNITS AND ENCLOSURES



#### REFERENCE STANDARDS

EN 60670-1
Boxes and enclosures for electrical accessories for household and similar fixed electrical installations. Part 1: general requirements.

#### CEI 23-49

Enclosure for accessories for household and similar fixed alectrical installations. Part 2: particular requirements for anclosures for protection devices and accessories dissipating a considerable power in normal use.

# **QUALITY MARKS**





### VERSIONS



Surface mounting - IP66



(empty enclosures)

 $\mathfrak{C}$ 

CATALOGUE SECTION:

Surface mounting - IP40 With window



Surface mounting - IP40 Without window



Flush mounting - IP40 With window

## **TECHNICAL CHARACTERISTICS**

| Protection degree:                                | IP40-IP66                       |
|---|---------------------------------|
| Operating temperature according to the            |                                 |
| reference standard:                               | -25°C +35°C                     |
| Max. operating temperature:                       | 60°C                            |
| Glow Wire test:                                   | 650°C                           |
| Material:   | Engineering plastic             |
| IK degree at 20°C:                                | IP40: IK06<br>IP66: IK07        |
| Cable inlets:                                     | PG/METRIC                       |
| Total insulation  :                               | Yes                             |
| Dissipaple power according to CEI 23-49 standard: | 9÷140W                          |
| Colour:   | Grey RAL 7035<br>White RAL 9003 |
| Terminal blocks fixing possibility:               | Yes                             |

#### ■ BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

| Saline<br>solution | Acids                 |           | Bas                   | Bases     |           | Solvents         |                  |           | Mineral          | UV        |
|--------------------|-----------------------|-----------|-----------------------|-----------|-----------|------------------|------------------|-----------|------------------|-----------|
|                    | Concentrated          | Diluted   | Concentrated          | Diluted   | Hexane    | Benzol           | Acetone          | Alcohol   | oil              | rays      |
| Resistant          | Limited<br>Resistance | Resistant | Limited<br>Resistance | Resistant | Resistant | Not<br>Resistant | Not<br>Resistant | Resistant | Not<br>Resistant | Resistant |

#### APPLICATION EXAMPLES







#### SURFACE MOUNTING IP66

(distribution assemblies)

N

empty enclosures]

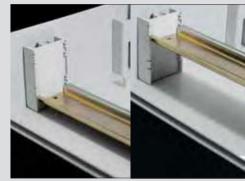
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SECTION:

CATALOGUE



Hinges: should be snap-fitted into their guides, can be mounted on the left DIN rail (EN 60715): can be placed on different levels. or the right side, in the series versions 12 to 64 DIN modules.





The semi-transparent tinted window, lockable and sealable. To open it, just lower the handle provided, snap-closing.

# ■ SURFACE MOUNTING IP40

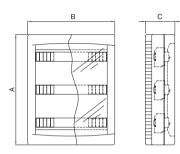


1/4 turn locking device.



Vertical connection.

### ■ DIMENSIONS - SURFACE AND FLUSH MOUNTING IP40

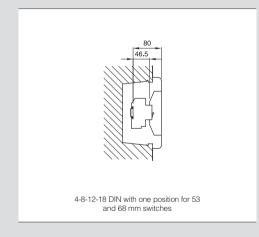


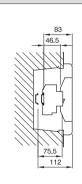
#### DIMENSIONS AND DISSIPABLE POWER\*

|               |                          | SURFACE MOUNTING  | FLUSH MOUNTING |                   |                |  |
|---------------|--------------------------|-------------------|----------------|-------------------|----------------|--|
| MODULI<br>DIN | DIMENSIONS (mm)<br>AxBxC | WITHOUT<br>WINDOW | WITH<br>WINDOW | WITHOUT<br>WINDOW | WITH<br>WINDOW |  |
| 2/4           | 130x97x84                | 9W                |                |                   |                |  |
| 4             | 190x135x108              | 11W               |                | 180x150x75        | 17W            |  |
| 8             | 190x254x108              | 18W               | 17W            | 210x254x75        | 21W            |  |
| 12            | 250x326x108              | 25W (50WΔ)        | 24W (48WΔ)     | 270x326x75        | 32W            |  |
| 24            | 400x326x108              | 41W (87W∆)        | 35W (63W∆)     | 420x326x95        | 52W (74W∆      |  |
| 18            | 250x434x140              | 43W (85W∆)        | 42W (74W∆)     | 270x434x75        | 36W            |  |
| 36            | 400x434x140              | 75W (108W∆)       | 57W (96WΔ)     | 420x434x95        | 61W            |  |
| 54            | 550x434x140              | 103W (140WΔ)      | 75W (125W∆)    | 570x434x95        | 71W            |  |

- (A) Two consumer units on top of each other joined by specially designed accessories
- (\*) Power calculated in conformity to CEI 23-49 standard

# **■ DIMENSIONS - FLUSH MOUNTING IP40**





24-36-54 DIN with two positions for 53 and 68 mm switches and MCCB

(Dimension in mm)

# **SCAME**

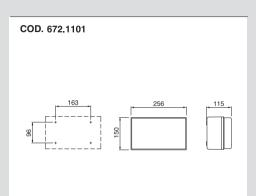
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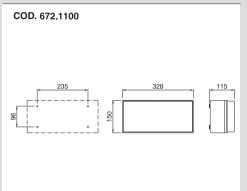
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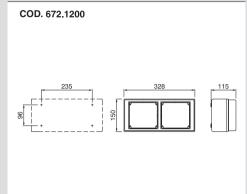
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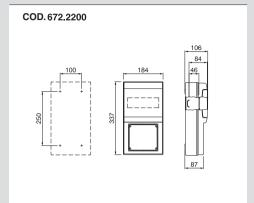
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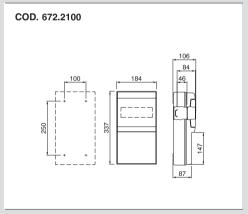
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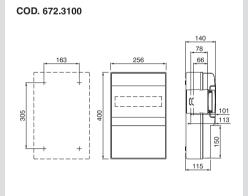


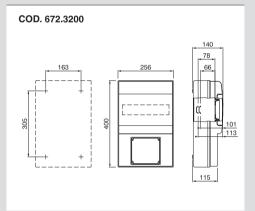


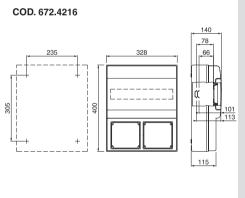


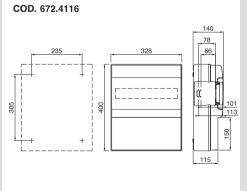


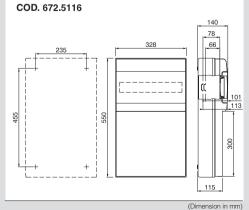


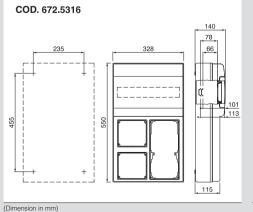


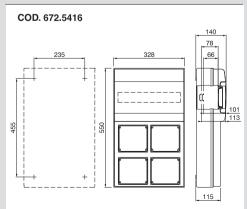














### DIMENSIONS

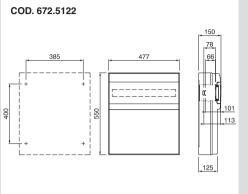
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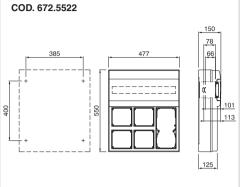
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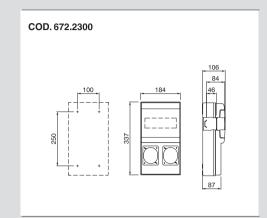
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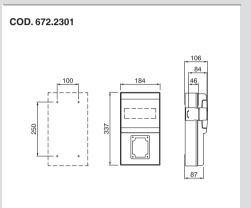
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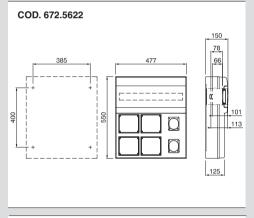
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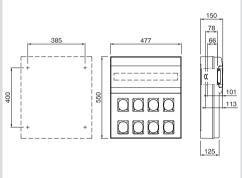




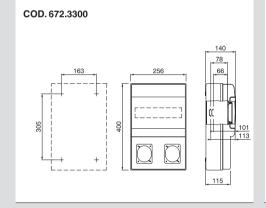


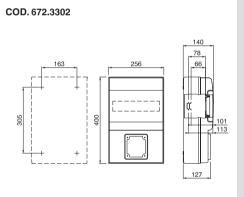


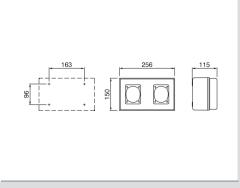


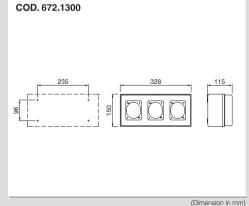


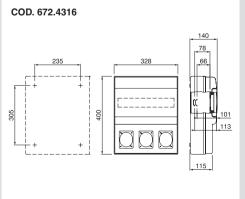
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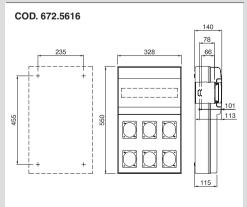








(Dimension in mm)



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# **SCAME**

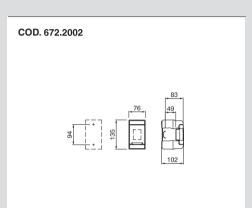
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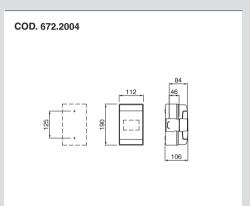
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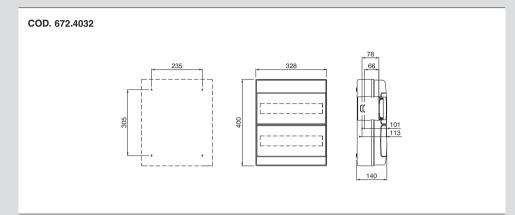
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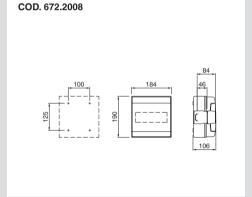
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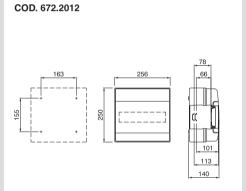
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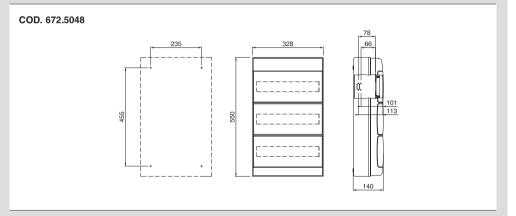


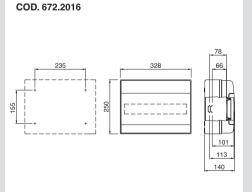


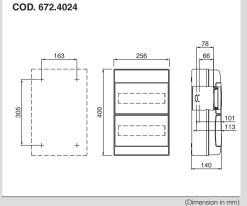


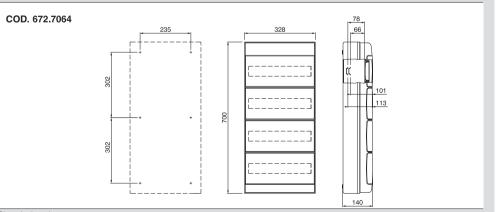












(Dimension in mm)