

EL[®]MARK

The Brand of Electricity

METAL CONSUMER UNITS SIGMA SERIES



Description:

The metal distribution boxes have wide range of application for mounting in buildings under construction or new communal objects, offices, shops, house facilities. Inside the box, could be mounted circuit elements for protection in the electrical installation. They are made of high quality electro-galvanized steel sheet and provide proper prevention from fire. They are shock-proof as well. The box is also equipped with copper zero and ground terminals.



Modern design and aesthetic look



Different variants of assembling



DIN, zero and ground terminals included



Defense of the electrical parts from direct contact

Technical data:

- Material: High quality electro-galvanized steel sheet
- Modules: 8; 12; 16; 22
- Steel thickness: 1,0mm (8; 12 modules); 1,2mm (16; 22 modules)
- Row: single
- Rated voltage In (A): 100A
- Protected with epoxy polyester coating
- Colour of body: White RAL9003
- Colour of door: White RAL9003
- IP code: IP40
- Fire resistance: 960°C/30s
- Humidity: Max.95%
- Storage temperature: -40+75°C

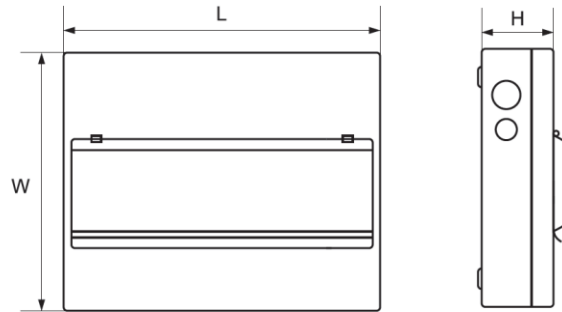
TECHNICAL SPECIFICATION

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Dimensions:



| Type | No of ways | Dimensions (mm) | | |
|-------|------------|-----------------|-----|-----|
| | | L | W | H |
| Sigma | 8 | 303 | 257 | 110 |
| Sigma | 12 | 375 | 257 | 110 |
| Sigma | 16 | 447 | 257 | 110 |
| Sigma | 22 | 555 | 257 | 110 |

Variants:

- Metal consumer unit enclosures, Sigma series



| Type | No of ways | Construction Material | No of ROWS | Catalogue number |
|-------|------------|-----------------------|------------|------------------|
| Sigma | 8 | Steel | 1 | 61088 |
| Sigma | 12 | Steel | 1 | 61128 |
| Sigma | 16 | Steel | 1 | 61168 |
| Sigma | 22 | Steel | 1 | 61228 |

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- Metal consumer units with 100A main switch, Sigma series



| Type | Nº of ways when empty | Construction Material | Nº of ways | Main Switch | Power Voltage Supply | Catalogue number |
|-------|-----------------------|-----------------------|------------|-------------|----------------------|------------------|
| Sigma | 8 | Steel | 6 | 100A | 240V | 61088SI |
| Sigma | 12 | Steel | 10 | 100A | 240V | 61128SI |
| Sigma | 16 | Steel | 14 | 100A | 240V | 61168SI |
| Sigma | 22 | Steel | 20 | 100A | 240V | 61228SI |

- Metal domestic consumer unit with 100A main switch and RCD's, Sigma series



| Type | Nº of ways when empty | Construction Material | Nº of ways | Nº of RCD's Supplied | Main Switch | Catalogue number |
|-------|-----------------------|-----------------------|------------|----------------------|-------------|------------------|
| Sigma | 12 | Steel | 6 | 2x63A 30mA | 1x100A | 61128SR |
| Sigma | 16 | Steel | 10 | 2x63A 30mA | 1x100A | 61168SR |
| Sigma | 22 | Steel | 16 | 2x63A 30mA | 1x100A | 61228SR |

TECHNICAL SPECIFICATION

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■ Sigma 6-way metal consumer unit



Product Contents:

- 1x Enclosure
- 1x RCD: 63A/ 30mA
- 6x MCB's: 6kA/ Curve B (3x6A,1x16A and 2x20A)
- Busbar and cables

| Type | No of ways when empty | Construction Material | No of ways | No of MCB's Supplied | No of RCD's Supplied | Amp Rating | Catalogue number |
|-------|-----------------------|-----------------------|------------|----------------------|----------------------|------------|------------------|
| Sigma | 8 | Steel | 6 | 6 | 1 | 63A | 61088S |

■ Sigma 6-way dual RCD's metal consumer unit



Product Contents:

- 1x Enclosure
- 1x Main Switch: 100A
- 2x RCD's: 63A/ 30mA
- 6x MCB's: 6kA/ Curve B (3x6A,1x16A, 2x32A and 1x40A)
- Busbar and cables

| Type | No of ways when empty | Construction Material | No of ways | No of MCB's Supplied | No of RCD's Supplied | Main Switch | Catalogue number |
|-------|-----------------------|-----------------------|------------|----------------------|----------------------|-------------|------------------|
| Sigma | 12 | Steel | 6 | 6 | 2 | 1 | 61128S |

■ Sigma 10-way dual RCD's metal consumer unit



Product Contents:

- 1x Enclosure
- 1x Main Switch: 100A
- 2x RCD's: 63A/ 30mA
- 10x MCB's: 6kA/ Curve B (3x6A,2x16A, 4x32A and 1x40A)
- Busbar and cables

| Type | No of ways when empty | Construction Material | No of ways | No of MCB's Supplied | No of RCD's Supplied | Main Switch | Catalogue number |
|-------|-----------------------|-----------------------|------------|----------------------|----------------------|-------------|------------------|
| Sigma | 16 | Steel | 10 | 10 | 2 | 1 | 61168S |

- Sigma 16-way dual RCD's metal consumer unit



Product Contents:

- 1x Enclosure
- 1x Main Switch: 100A
- 2x RCD's: 63A/ 30mA
- 12x MCB's: 6kA/ Curve B (3x6A, 1x10A, 2x16A, 4x32A, 1x40A and 1x50)
- Busbar and cables

| Type | No of ways when empty | Construction Material | No of ways | No of MCB's Supplied | No of RCD's Supplied | Main Switch | Catalogue number |
|-------|-----------------------|-----------------------|------------|----------------------|----------------------|-------------|------------------|
| Sigma | 22 | Steel | 16 | 12 | 2 | 1 | 61228S |

Standards:

- EN 60439-3

