

7 POLES INDUSTRIAL PLUGS AND SOCKETS



REFERENCE STANDARDS

IEC EN 60309-1

IEC EN 60309-2

MARKINGS AND DIRECTIVES



VERSIONS

| | |
|--|-----------------------------------|
| | Plugs |
| | Flush mounting appliance inlets |
| | Surface mounting appliance inlets |
| | Connectors |
| | Flush mounting socket outlets |

TECHNICAL CHARACTERISTICS

| | |
|---|---|
| Rated current: | 16A-32A |
| Rated voltage: | 380 - 415V |
| Frequency: | 50/60Hz |
| Insulating voltage: | 400V |
| Protection degree: | IP44 - IP66/IP67 |
| Installation temperature: | -25°C +40°C |
| Enclosure material: | Thermoplastic (Halogen Free) |
| Colour: | Grey RAL7004 |
| Impact resistance (IK degree): | IK08 |
| Mobile versions cable entry device: | IP44 cable gland/ external cable clamp IP66/IP67 cable gland/ external cable clamp |
| Construction characteristics/ type of closure: | Separate body and handle / Snap-on (without screws) |
| Self extinguishing degree (GWT): | 650°C (body) 850°C (socket contact carrier) |

| | |
|--|---------------------------------|
| | Surface mounting socket outlets |
|--|---------------------------------|

BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

| Saline solution | Acids | | Bases | | Solvents | | | | Mineral oil | UV rays |
|-----------------|--------------------|-----------|--------------------|-----------|--------------------|---------------|---------------|--------------------|--------------------|-----------|
| | Concentrated | Diluted | Concentrated | Diluted | Hexane | Benzol | Acetone | Alcohol | | |
| Resistant | Limited resistance | Resistant | Limited resistance | Resistant | Limited resistance | Not resistant | Not resistant | Limited resistance | Limited resistance | Resistant |

Resistance values to chemical agents have to be considered indicative. For further information and specific substances, contact the technical service.



■ WIRING CAPACITY OF THE TERMINALS

| Rated current | | | 16A | 32A |
|---|-----------------|-----|-----|-----|
| Cross-section of the connectable conductors | mm ² | Min | 1 | 2.5 |
| | | Max | 4 | 10 |
| Tightening torque | Nm | | 1 | 1 |

■ CABLE ENTRIES SURFACE MOUNTING APPLIANCE INLETS AND SOCKET OUTLETS

| 16A | | 32A | |
|----------------------------|----------------------|-------------------------------|------------------|
| Top | Rear | Top | Rear |
| Threaded open entry M25 | Knock-out M20-M25 | Threaded open entry M25 | Knock-out M25 |

Cap supplied.

■ MAX. CABLE SIZE ACCEPTED BY THE CABLE CLAMP/CABLE GLAND OF MOBILE PLUGS AND CONNECTORS

| Rated current | | | 16A | 32A |
|---------------|----|-----|-----|------|
| Outside Ø mm | mm | Min | 8 | 11.5 |
| | | Max | 16 | 22 |

