



A range of trailing and fixed plugs and socket-outlets for industrial use, complying with the dimensional and performance standards unified at International level (IEC 60309) and assimilated by the European Standards (EN 60309) and Italian Standards (CEI 23-12). Socket-outlets and plugs with a rated current of 63 and 125A are equipped with an extra pilot contact (CP) for creating an electric interlock. The range is completed with 90° fixed plugs and 10° and 90° fixed socket-outlets. Sleeves and pins are obtained from solid brass bar, type Pt. CuZn40Pb2 (Cu 58%, Zn 40%, Pb 2%); anti-loosening terminals with unlosable screws, and built-in cable clamp with anti-abrasion cable gland.

|                              |  |                             |   |
|------------------------------|--|-----------------------------|---|
| Colour                       | Violet   | Rated current (A)           | 16  |
| IP degree                    | IP44   | No. of poles                | 2P  |
| Mechanical resistance        | IK08   | Reference h                 | -   |
| Flange dimensions (mm)       | 85x75  | Type                        | 10° angled flush-mounting socket-outlet       |
| Rated voltage                | 20-25 V  | Frequency                   | 50 - 60 Hz                                    |
| Terminal tightening capacity | 1-2.5mm <sup>2</sup> flexible cables - 1.5-4mm <sup>2</sup> rigid cables | Operating temperature       | -25 +40 °C                                    |
| Type of wiring               | With screw   | Electrocod                  | 2210  |
| Glow wire test               | 850 °C (active parts) - 650 °C (passive parts)                           | Total number of operations  | > 5000  |
| Permissible overload         | 22 A   | Breaking capacity at 1.1 Un | 20 A  |
| Insulation resistance        | > 10 MΩ  | Thermo-pressure with ball   | 125 °C (active parts) - 80 °C (passive parts) |

#### BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

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

#### DIMENSIONAL



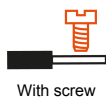
#### TECHNICAL SYMBOLOGY

**IP**

IP44

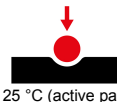
**IK**

IK08



**GWT**

850 °C (active parts) - 650 °C (passive parts) | 125 °C (active parts) - 80 °C (passive parts)



#### STANDARDS/APPROVALS

