



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                          | Green  | Rated current (A)            | 16   |
| IP degree                       | IP44   | No. of poles                 | 2P   |
| Mechanical resistance           | IK08   | Reference h                  | 11   |
| Type                            | 90° plug                                       | Rated voltage                | 20-25V and 40-50 V   |
| Frequency                       | 401 - 500 Hz                                   | Terminal tightening capacity | 1-2.5mm <sup>2</sup> flexible cables - 1.5-4mm <sup>2</sup> rigid cables |
| Cable clamp tightening capacity | 7.5-13.2 mm                                    | Operating temperature        | -25 +40 °C   |
| Type of wiring                  | With screw                                     | Electrocod                   | 2230   |
| 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



-25 +40 °C



With screw

**GWT**

850 °C (active parts)  
- 650 °C (passive parts)



125 °C (active parts)  
- 80 °C (passive parts)

#### STANDARDS/APPROVALS

