



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 | Black | Rated current (A) | 125 |
| IP degree | IP67 | Characteristics | Pilot contact |
| No. of poles | 3P+N+E | Mechanical resistance | IK08 |
| Reference h | 7 | Rated voltage | 480 - 500 V |
| Type | 90° angled surface mounting inlet | Rated voltage | 480 - 500 V |
| Frequency | 50/60 Hz | Terminal tightening capacity | 16-50 mm ² flexible cables - 25-70 mm ² rigid cables |
| Operating temperature | -25 +55 °C | Type of wiring | Mantle terminal |
| Electrocod | 2230 | Glow wire test | 850 °C (active parts) - 650 °C (passive parts) |
| Total number of operations | > 500 | Breaking capacity at 1.1 Un | 156 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

IP67

IK

IK08



-25 +55 °C



Mantle terminal

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

STANDARDS/APPROVALS

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