

# Product Data Sheet

## GW60102



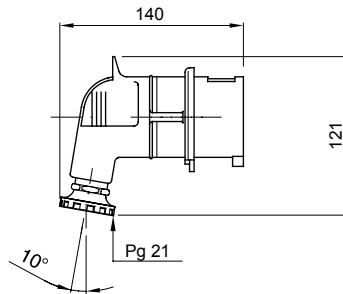
A range of trailing and fixed plugs and socket-outlets for industrial use, complying with the dimensional and performance standards unified at International level (IEC 60309) and assimilated by the European Standards (EN 60309) and Italian Standards (CEI 23-12). Socket-outlets and plugs with a rated 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.

|                                 |                                                |                              |                                                                             |
|---------------------------------|------------------------------------------------|------------------------------|-----------------------------------------------------------------------------|
| Colour                          | Red                                            | Rated current (A)            | 32                                                                          |
| IP degree                       | IP44                                           | No. of poles                 | 3P+N+E                                                                      |
| Mechanical resistance           | IK08                                           | Reference h                  | 6                                                                           |
| Rated voltage                   | 380 - 415 V                                    | Type                         | 90° plug                                                                    |
| Frequency                       | 50/60 Hz                                       | Terminal tightening capacity | 2.5-6 mm <sup>2</sup> flexible cables - 2.5-10 mm <sup>2</sup> rigid cables |
| Cable clamp tightening capacity | 13.3-21.6 mm                                   | Operating temperature        | -25 +55 °C                                                                  |
| Type of wiring                  | With screw                                     | Electrocod                   | 2230                                                                        |
| Glow wire test                  | 850 °C (active parts) - 650 °C (passive parts) | Total number of operations   | > 2000                                                                      |
| Permissible overload            | 42 A                                           | Breaking capacity at 1.1 Un  | 40 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



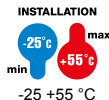
### TECHNICAL SYMBOLOGY

**IP**

IP44

**IK**

IK08



-25 +55 °C



With screw

**GWT**

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



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

### STANDARDS/APPROVALS



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