

# Product Data Sheet

## GW62073

IEC 309 BTS Range



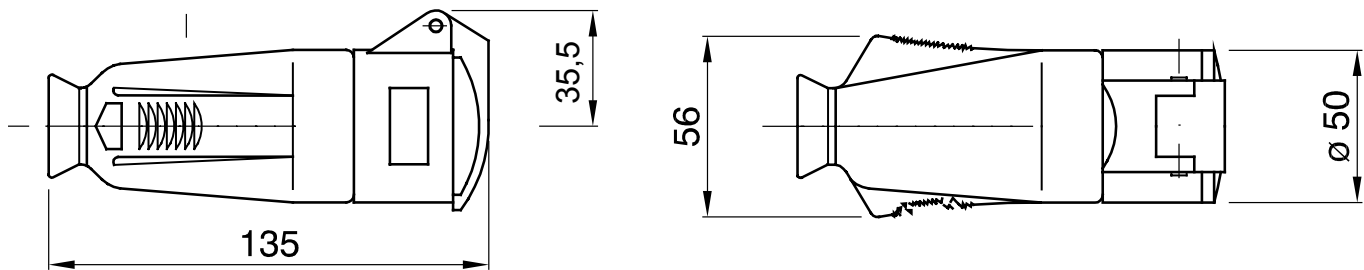
A range of trailing and fixed plugs and socket-outlets for industrial use, complying with the dimensional and performance standards unified at International level (IEC 60309) and assimilated by the European Standards (EN 60309) and Italian Standards (CEI 23-12). Socket-outlets and plugs with a rated 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)            | 32  |
| IP degree                   | IP44  | No. of poles                 | 2P  |
| Mechanical resistance       | IK08  | Reference h                  | -   |
| Type                        | Straight connector                            | Rated voltage                | 20-25 V   |
| Frequency                   | 50 - 60 Hz                                    | Terminal tightening capacity | 2.5-6mm <sup>2</sup> flexible cables - 2.5-10mm <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  | > 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 +40 °C



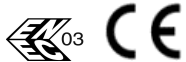
With screw

**GWT**

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



### STANDARDS/APPROVALS



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