

## Product Data Sheet GW62510

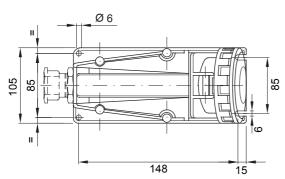
## IEC 309 HP range



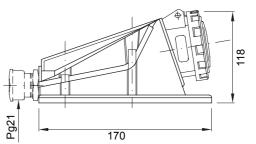
A range of trailing and fixed plugs and socket-outlets for industrial use, complying with the dimensional and performance standards unified at International level (IEC 60309) and assimilated by the European Standards (EN 60309) and Italian Standards (CEI 23-12). Socket-outlets and plugs with a rated 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                      | Yellow  | Rated current (A)            | 32  |  |  |  |
|-----------------------------|---|------------------------------|---|--|--|--|
| IP degree                   | IP67  | No. of poles                 | 3P+N+E  |  |  |  |
| Mechanical resistance       | IK08  | Reference h                  | 4   |  |  |  |
| Rated voltage               | 100-130 V                                     | Туре                         | 90° angled surface-mounting socket-outlet                                 |  |  |  |
| 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 +55 °C                                    | Type of wiring               | With screw  |  |  |  |
| Electrocod                  | 2211  | 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<br>solution                             | Acids            |                       | Bases                 |                          | Solvents  |           |           | Mineral    | UV        |           |  |  |
|  | Concentrated     | Diluited              | Concentrated          | Diluited                 | Hexane    | Benzol    | Acetone   | Alcohol    | oil       | rays      |  |  |
| Resistant                                      | Not<br>resistant | Limited<br>resistance | Limited<br>resistance | R <mark>esista</mark> nt | Resistant | Resistant | Resistant | Resistente | Resistant | Resistant |  |  |



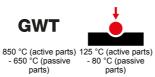
## DIMENSIONAL



## TECHNICAL SYMBOLOGY











GEWISS S.p.A. Via Domenico Bosatelli 1 24069 Cenate Sotto - Bergamo - Italy tel. +39 035 94 61 11 fax +39 035 94 69 09 www.gewiss.com sat@gewiss.com Last update 10/05/2025 Data, measures, designs and pictures are shown only as informative purposes, and could be changed without previous notice