# Product Data Sheet
# GW60006WH

IEC 309 HP range

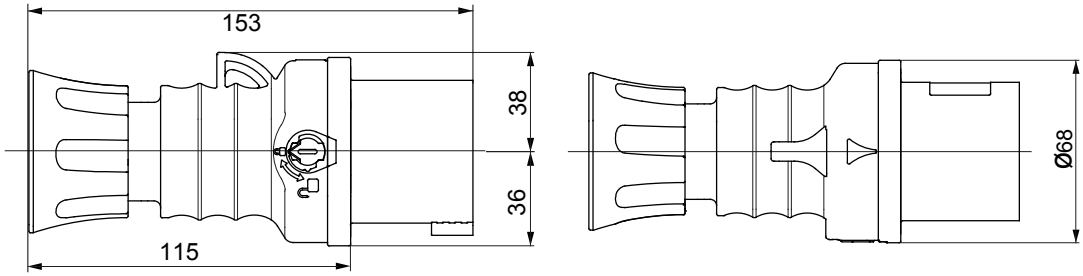
IEC 309 HP: range of straight plugs with phase inverter socket-outlets complying with the safety requisites defined by the international Standards IEC 60309-1 and IEC 60309-2 and assimilated at European level as EN 60309-1 and EN 60309-2. Allow the fast and safe exchange of two phases by using a screwdriver to reverse the direction of rotation of three-phase motors for mobile and fixed equipment. This range expands GEWISS's assortment straight plugs 16-32A, with degree of protection IP44/IP54 for protected versions and IP66/IP67/IP68/IP69 for whaterthing versions to ensure full protection for all applications. The technopolymers and thickness used for the parts made of insulating material guarantee an elevated degree of mechanical and chemical agent resistance. All the pins of the IEC 309 HP INVERTER plugs are surface-treated with nickel-plating to ensure full protection against corrosion, oxidation and abrasion.

| | | | |
|---|---|---|---|
| Colour | Blue | Rated current (A) | 16 |
| IP degree | IP44/IP54 | No. of poles | 3P+N+E |
| Mechanical resistance | IK09 | Reference h | 9 |
| Rated voltage | 200 - 250 V | Type | Straight plugs with phase inverter |
| Frequency | 50/60 Hz | Terminal tightening capacity | 1-2.5 mm² flexible cables |
| Cable clamp tightening capacity | 9.2-19.9 mm | Operating temperature | -25 +55 °C |
| Type of wiring | With screw | Type of material | Halogen-free in compliance with EN 60754-2 |
| 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 | Diluited | Concentrated | Diluited | Hexane | Benzol | Acetone | Alcohol | | |
| Resistant | Not resistant | Limited resistance | Limited resistance | Resistant | Resistant | Resistant | Resistant | Resistente | Resistant | Resistant |

## DIMENSIONAL




## TECHNICAL SYMBOLOGY

IP44/IP54 | IK09 | Straight plugs with phase inverter | -25 +55 °C | With screw | Halogen-free in compliance with EN 60754-2 | 850 °C (active parts) - 650 °C (passive parts) | 125 °C (active parts) - 80 °C (passive parts)

## STANDARDS/APPROVALS

GEWISS S.p.A. Via A. Volta, 1
24069 Cenate Sotto - Bergamo - Italy
tel. +39 035 94 61 11 fax +39 035 94 69 09
Company subject to the management and coordination of Polifin S.p.A.

www.gewiss.com
sat@gewiss.com
Last update 13/09/2026

Data, measures, designs and pictures are shown only as informative purposes, and could be changed without previous notice