Product Data Sheet
GW60027WH

IEC 309 HP range



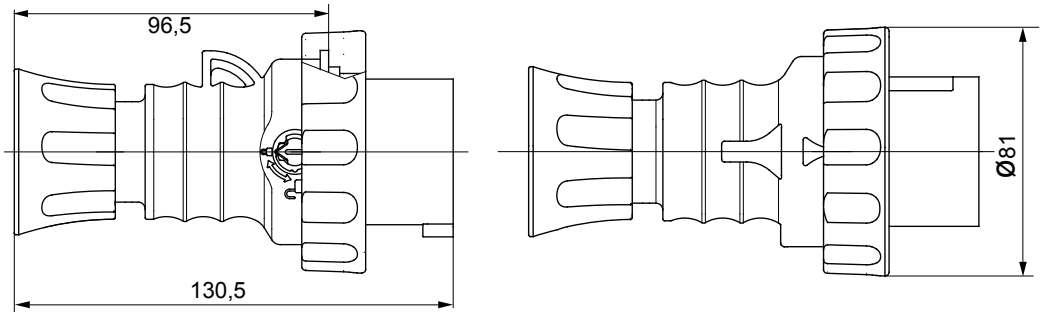
IEC 309 HP: range of straight plugs with phase inverter socket-outlets complying with the safety requisites defined by the international Standards IEC 60309-1 and IEC 60309-2 and assimilated at European level as EN 60309-1 and EN 60309-2. Allow the fast and safe exchange of two phases by using a screwdriver 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	IP66/IP67/IP68/IP69	No. of poles	3P+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	7.5-13.8 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

IP66/IP67/IP68/IP69

IK09

Straight plugs with phase inverter

INSTALLATION -25°C min +55°C max

-25 +55 °C

With screw

HF HALOGEN FREE

Halogen-free in compliance with EN 60754-2

GWT

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

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

STANDARDS/APPROVALS

CE 03 UKCA Reach Declaration

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