

Product Data Sheet GW62003FH

IEC 309 HP range

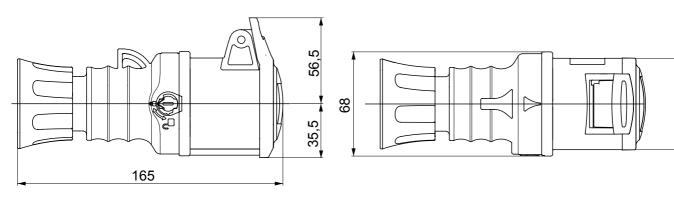


IEC 309 HP: range of plugs and socket-outlets compliant with international Standards IEC 60309-1 and IEC 60309-2, assimilated at European level as EN 60309-1 and EN 60309-2. This range expands the GEWISS assortment of mobile plugs, mobile and recessed sockets for currents from 16 to 125A with IP44 / IP54 protection ratings and ratings up to IP66 / IP67 / IP68 / IP69 to ensure total protection in all possible 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 sleeves and pins of the IEC 309 HP socket-outlets and plugs are surface-treated with nickel-plating to ensure full protection against corrosion, oxidation and abrasion. All the external metallic elements of the IEC 309 HP plugs and socket-outlets are made of stainless steel (the threaded metallic inserts for the body-grip coupling of the 63-125A versions are made of brass).

Colour	Yellow	Rated current (A)	16
IP degree	IP44/IP54	No. of poles	3P+N+E
Mechanical resistance	IK09	Reference h	4
Rated voltage	100-130 V	Type	Straight connector
Frequency	50/60 Hz	Terminal tightening capacity	1-2.5mm² flexible cables - 1.5-4mm² rigid cables
Cable clamp tightening capacity	9.2-19.9 mm	Operating temperature	-25 +55 °C
Type of wiring	Quick, with spring	Type of material	Halogen-free in compliance with EN 60754-2
Electrocod	2210	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	UV				
	Concentrated	Diluited	Concentrated	Diluited	Hexane	Benzol	Acetone	Alcohol	oil	rays			
Resistant	Not resistant	L <mark>imite</mark> d resistance	L <mark>imited</mark> resistance	Resistant	Resistant	Resistant	Resistant	Resistente	Resistant	Resistant			

DIMENSIONAL



TECHNICAL SYMBOLOGY



IP44/IP54



Quick, with spring





STANDARDS/APPROVALS



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