

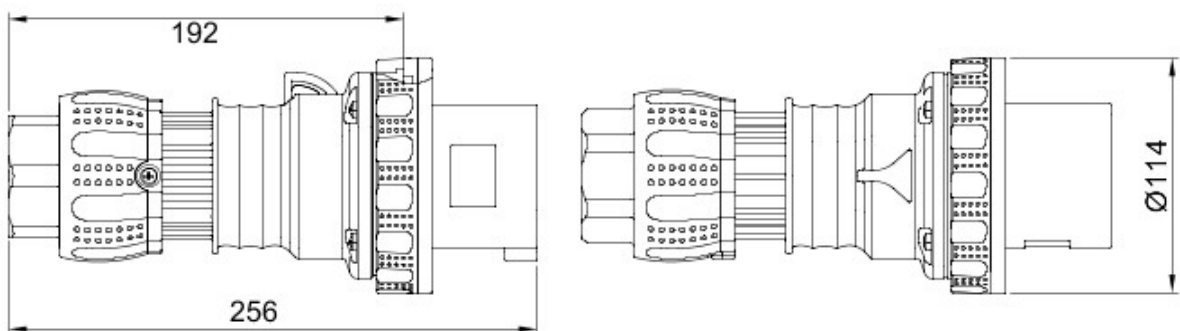


IEC 309 HP: range of plugs and socket-outlets complying with the safety requisites defined by the international Standards IEC 60309-1 and IEC 60309-2 and assimilated at European level as EN 60309-1 and EN 60309-2. This range expands GEWISS's assortment from 16A to 125A straight plugs, straight connectors and 10° flush-mounting socket-outlets with IP44/IP54 and IP66/IP67/IP68/IP69 degrees of protection 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 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).

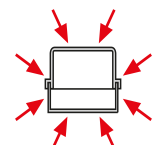
Colour	Red	Rated current (A)	63
IP degree	IP66/IP67/IP68/IP69	No. of poles	3P+N+E
Shock resistance	IK09	Reference h	6
Type	Straight plug	Rated voltage	346 - 415 V
Frequency	50/60 Hz	Terminal tightening capacity	6-16mm ² flexible cables - 6-25mm ² rigid cables
Cable clamp tightening capacity	19.9 - 37 mm	Operating temperature	-25 +55 °C
Type of wiring	Mantle terminal	Type of material	Halogen-free in compliance with EN 60754-2
Electrocod	2231	Glow wire test	850 °C (active parts) - 650 °C (passive parts)
Total number of operations	> 2000	Breaking capacity at 1.1 Un	79 A
Insulation resistance	> 10 M?	Thermo-pressure with ball	125 °C (active parts) - 80 °C (passive parts)



DIMENSIONAL



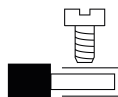
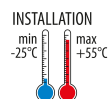
TECHNICAL SYMBOLOGY



IP66/IP67/IP68/IP69



IK09



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



EN 60695-10-2

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

www.gewiss.com
sat@gewiss.com
Last update 22/12/2017

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