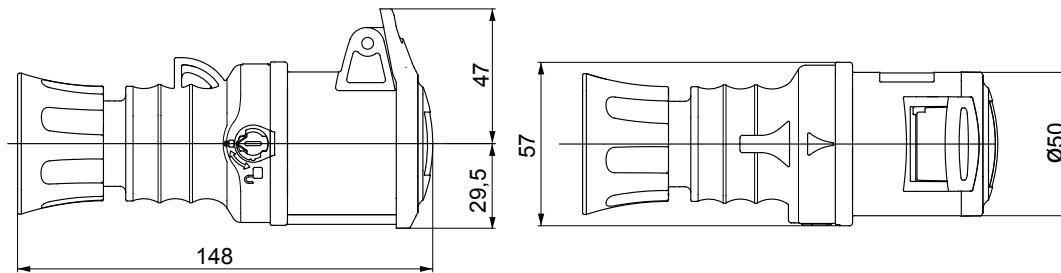




IEC 309 HP: range of plugs and socket-outlets compliant with international Standards IEC 60309-1 and IEC 60309-2, assimilated at European level as EN 60309-1 and EN 60309-2. This range expands the GEWISS assortment of mobile plugs, mobile and recessed sockets for currents from 16 to 125A with IP44 / 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	Green	Rated current (A)	16
IP degree	IP44/IP54	No. of poles	2P+E
Mechanical resistance	IK09	Reference h	2
Type	Straight connector	Rated voltage	>50 V
Frequency	>300 - 500 Hz	Terminal tightening capacity	1-2.5 mm <sup>2</sup> flexible cables - 1.5-4 mm <sup>2</sup> rigid 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	2211	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)		

### DIMENSIONAL



### TECHNICAL SYMBOLOGY

**IP**

IP44/IP54

**IK**

IK09

-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



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  
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