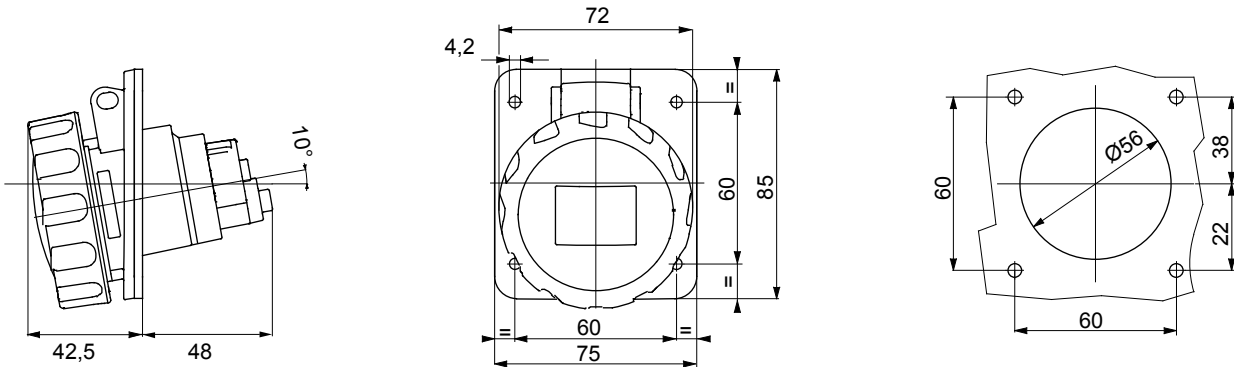IEC 309 HP: range of plugs and socket-outlets compliant with international Standards IEC 60309-1 and IEC 60309-2, assimilated at European level as EN 60309-1 and EN 60309-2. This range expands the GEWISS assortment of mobile plugs, mobile and recessed sockets for currents from 16 to 125A with IP44 / 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	Black	Rated current (A)	16
IP degree	IP66/IP67	No. of poles	2P+E
Mechanical resistance	IK09	Reference h	7
Flange dimensions (mm)	85x75	Type	10° angled flush-mounting socket-outlet
Rated voltage	480 - 500 V	Frequency	50/60 Hz
Terminal tightening capacity	1-2.5mm² flexible cables - 1.5-4mm² rigid cables	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
IP66/IP67

IK
IK09

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

Reach Declaration

UKCA

03

CE