

Product Data Sheet

GW61455

IEC 309 HP range



A range of trailing and fixed plugs and socket-outlets for industrial use, complying with the dimensional and performance standards unified at International level (IEC 60309) and assimilated by the European Standards (EN 60309) and Italian Standards (CEI 23-12). Socket-outlets and plugs with a rated current of 63 and 125A are equipped with an extra pilot contact (CP) for creating an electric interlock. The range is completed with 90° fixed plugs and 10° and 90° fixed socket-outlets. Sleeves and pins are obtained from solid brass bar, type Pt. CuZn40Pb2 (Cu 58%, Zn 40%, Pb 2%); anti-loosening terminals with unlosable screws.

Colour	Black	Rated current (A)	63
IP degree	IP67	Characteristics	Pilot contact
No. of poles	3P+N+E	Mechanical resistance	IK08
Reference h	7	Rated voltage	480 - 500 V
Type	90° angled surface mounting inlet	Rated voltage	480 - 500 V
Frequency	50/60 Hz	Terminal tightening capacity	6-16 mm ² flexible cables - 6-25 mm ² rigid cables
Operating temperature	-25 +55 °C	Type of wiring	Mantle terminal
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 MΩ	Thermo-pressure with ball	125 °C (active parts) - 80 °C (passive parts)

BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

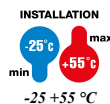
Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Not resistant	Limited resistance	Limited resistance	Resistant	Resistant	Resistant	Resistant	Resistente	Resistant	Resistant

DIMENSIONAL

TECHNICAL SYMBOLOGY

IP

IP67



-25 +55 °C



Mantle terminal

GWT



850 °C (active parts) - 125 °C (active parts) - 650 °C (passive parts) 80 °C (passive parts)

STANDARDS/APPROVALS



IK08

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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