Product Data Sheet

GW62085

IEC 309 HP range

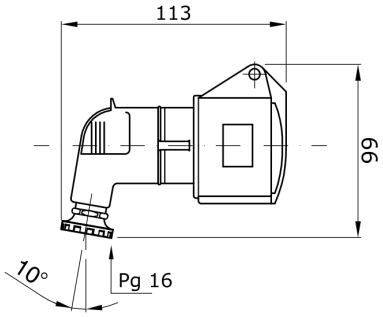
A range of trailing and fixed plugs and socket-outlets for industrial use, complying with the dimensional and performance standards unified at International level (IEC 60309) and assimilated by the European Standards (EN 60309) and Italian Standards (CEI 23-12). Socket-outlets and plugs with a rated 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, and built-in cable clamp with anti-abrasion cable gland.

Colour	Blue	**Rated current (A)**	16
IP degree	IP44	**No. of poles**	2P+E
Shock resistance	IK08	**Reference h**	6
Rated voltage	200.0 - 250.0 V	**Type**	90° angled connector
Frequency	50/60 Hz	**Terminal tightening capacity**	1-2.5mm² flexible cables - 1.5-4mm² rigid cables
Cable clamp tightening capacity	7.5 - 13.2 mm	**Operating temperature**	-25 +40 °C
Type of wiring	With screw	**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 M	**Thermo-pressure with ball**	125 °C (active parts) - 80 °C (passive parts)

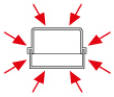
BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

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

DIMENSIONAL



TECHNICAL SYMBOLOGY


IP44

IK08

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

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

STANDARDS/APPROVALS

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