Product Data Sheet

GW62503

IEC 309 HP range

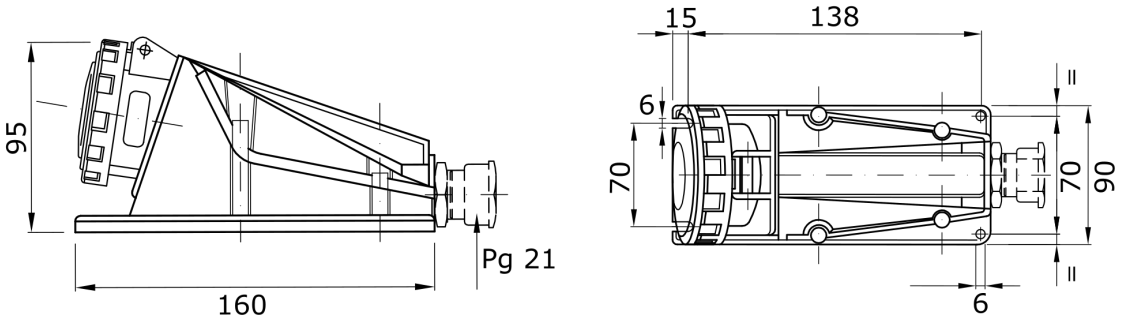
A range of trailing and fixed plugs and socket-outlets for industrial use, complying with the dimensional and performance standards unified at International level (IEC 60309) and assimilated by the European Standards (EN 60309) and Italian Standards (CEI 23-12). Socket-outlets and plugs with a rated 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	Red	**Rated current (A)**	16
IP degree	IP67	**No. of poles**	2P+E
Shock resistance	IK08	**Reference h**	9
Rated voltage	380.0 - 415.0 V	**Type**	90° angled surface-mounting socket-outlet
Frequency	50/60 Hz	**Terminal tightening capacity**	1-2.5mm² flexible cables - 1.5-4mm² rigid cables
Operating temperature	-25 +40 °C	**Type of wiring**	With screw
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 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

IP67 | IK08 | 850 °C (active parts) - 650 °C (passive parts) | 125 °C (active parts) - 80 °C (passive parts)

STANDARDS/APPROVALS

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