

Product Data Sheet GW60144

IEC 309 BTS Range

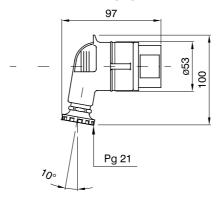


A range of trailing and fixed plugs and socket-outlets for industrial use, complying with the dimensional and performance standards unified at International level (IEC 60309) and assimilated by the European Standards (EN 60309) and Italian Standards (CEI 23-12). Socket-outlets and plugs with a rated 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	White	Rated current (A)	32
IP degree	IP44	No. of poles	2P
Mechanical resistance	IK08	Reference h	10
Туре	90° plug	Rated voltage	20-25V and 40-50 V
Frequency	d.c.	Terminal tightening capacity	2.5-6mm² flexible cables - 2.5-10mm² rigid cables
Cable clamp tightening capacity	11-19,6 mm	Operating temperature	-25 +40 °C
Type of wiring	With screw	Electrocod	2230
Glow wire test	850 °C (active parts) - 650 °C (passive parts)	Total number of operations	> 2000
Permissible overload	42 A	Breaking capacity at 1.1 Un	40 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	UV			
	Concentrated	Diluited	Concentrated	Diluited	Hexane	Benzol	Acetone	Alcohol	oil	rays		
Resistant	Not resistant	L <mark>imite</mark> d resistance	Limited resistance	Resistant	Resistant	Resistant	Resistant	Resistente	Resistant	Resistant		

DIMENSIONAL



TECHNICAL SYMBOLOGY













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

STANDARDS/APPROVALS





