

Product Data Sheet GW62551

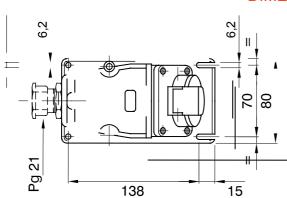
IEC 309 BTS Range



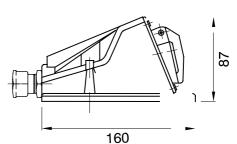
A range of trailing and fixed plugs and socket-outlets for industrial use, complying with the dimensional and performance standards unified at International level (IEC 60309) and assimilated by the European Standards (EN 60309) and Italian Standards (CEI 23-12). Socket-outlets and plugs with a rated 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	Green	Rated current (A)	32
IP degree	IP44	No. of poles	2P
Mechanical resistance	IK08	Reference h	4
Туре	90° angled surface-mounting socket-outlet	Rated voltage	20-25V and 40-50 V
Frequency	100 - 200 Hz	Terminal tightening capacity	2.5-6mm ² flexible cables - 2.5-10mm ² rigid cables
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	> 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		



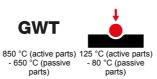
DIMENSIONAL



TECHNICAL SYMBOLOGY







STANDARDS/APPROVALS



IP

IP44

GEWISS S.p.A. Via Domenico Bosatelli 1 24069 Cenate Sotto - Bergamo - Italy tel. +39 035 94 61 11 fax +39 035 94 69 09 www.gewiss.com sat@gewiss.com Last update 02/05/2025 Data, measures, designs and pictures are shown only as informative purposes, and could be changed without previous notice