

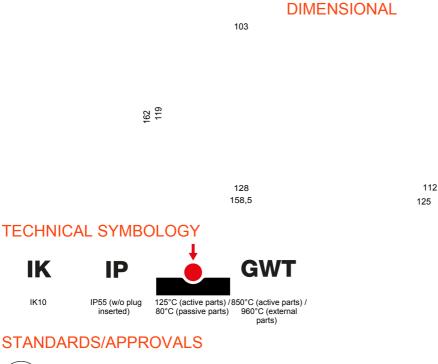
## Product Data Sheet **GWJ5012B**

**JOINON Range** 



Type 2 socket, compliant to IEC 62196-1 and IEC 62196-2 regulations, made for IEC 618581 regulation compliant EV charging, equipped with security shutters (IPXXD protection), double drain system for water, vandal-proof mechanism made by gate-valves that avoid unauthorized users to access electrical parts and by a locking actuator that has the double aim to block gate-valves and to lock the plug during the charging session. Gate-valves are opened by the insertion of the plug in the socket; they are automatically closed as long as the plug is removed at the end of each charging session. This socket is equipped with three microcontacts that check wether valves are opened or closed and wether locking actuator is engaged or not. Socket with radial cable entry.

Colour	Black	Electrical protection	IPXXD
Number of poles	7 (L1, L2, L3, N, PE, CP, PP)	Mechanical resistance	IK10
Rated current	32 A	IP degree	IP55 (w/o plug inserted)
Rated voltage	380-480 V (power supply) / 0-30 V (CP, PP)	Thermo-pressure with ball	125°C (active parts) / 80°C (passive parts)
Rated frequency (Hz)	50/60 Hz	Glow wire test	850°C (active parts) / 960°C (external parts)
Locking actuator parameters	-	Insulation voltage (Ui)	500 V
Voltage Range	9-15,5 V	Stocking temperature	-40°C ÷ +70°C
No load current	≤ 250 mA	Terminal tightening capacity stranded cables (mm <sup>2</sup> )	2,5-10 mm <sup>2</sup> (power supply) 0,75-1,5 mm <sup>2</sup> (CP, PP)
Working voltage	12 V	Operating temperature	-30°C ÷ +50 °C
Peak Current	3.2 A	MTTF	>10.000 insertions with no load
External self-extinguishing degree	V0 (UL94)		









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