Product Data Sheet

GW44902KBK

44 CE Range

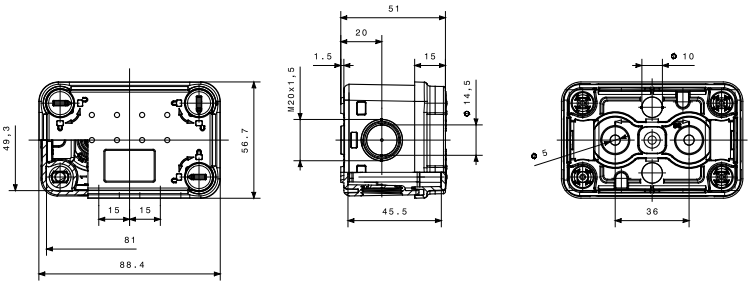
44 CE APTA is the Gewiss range of junction boxes designed to adapt to different installation needs: to fit the environment, suit the application, and align with common installation habits. The range is available in three sizes (2K, 3K, and 4) and three colours (black, grey, and white) to meet different application and aesthetic requirements. 44 CE APTA offers six fixing methods for maximum installation flexibility, including external screw fixing with bracket included, internal screw fixing, knock-in fixing with threaded base, panel mounting, fixing with cable ties for trays or temporary structures, and the patented nail gun fixing system. A dedicated range of accessories further enhances installation speed, safety, and reliability, including terminal supports compatible with Wago 221-412, 221-413, and 221-415, as well as the patent-pending Earthing Clamp for metal cable glands used with armoured cables.

GENERAL INFORMATION	-	**MECHANICAL AND FUNCTIONAL CHARACTERISTICS**	-
Accordance with Standards	IEC 60670-1, IEC 60670-22	Lid screws (no. and type)	4 x 1/4 turn, captive, sealable
Application	Ordinary junctions	Captive lid	Yes
Internal dimensions BxDxH (mm)	81x49x46	Operating temperature	-25 +60 °C
External dimensions BxDxH (mm)	88x57x51	IP degree	IP66 (membrane) / IP67 (cable gland)
Material	PP + GF (case), TPE (membrane), PA + GF (bracket)	Glow wire test	750 °C (case), 650 °C (membrane)
Colour	Black RAL 9005	Thermo-pressure with ball	85 °C
Lid	Low screwed	UV resistance	Yes (IEC 60670-22)
Type of bottom	Standard	Halogen Free	Halogen-free in compliance with EN IEC 63355
Walls	With threaded entries and membrane	Cable entries on sides	6 x M20x1,5 threaded entries with Ø 3÷12 mm membrane
-	-	Cable entries on back	2 x Ø 3÷10 mm membrane entries
-	-	-	-
ELECTRICAL CHARACTERISTICS	-	**EQUIPMENT AND ACCESSORIES**	-
Insulation class	II (according to IEC 61140 standards)	Accessories supplied	Fixing bracket
AC Rated operational voltage (Ue)	750 V	Completeable with	GW44622 (double insulation caps), GW44742 (earthing clamp)
Insulation voltage (Ui)	750 V		

BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Part	Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
		Concentrated	Diluited	Concentrated	Diluited	Hexane	Benzol	Propanol	Alcohol		
Case	Resistant	Limited resistance	Resistant	Resistant	Resistant	Limited resistance	Not resistant	Resistant	Resistant	Resistant	Resistant
Membrane	Resistant	Limited resistance	Resistant	Resistant	Resistant	Not resistant	Not resistant	Not resistant	Resistant	Limited resistance	Resistant

DIMENSIONAL



TECHNICAL SYMBOLOGY

INSTALLATION -25°C min +60°C max
-25 +60 °C

IP
IP66 (membrane) / IP67 (cable gland)

GWT
750 °C (case), 650 °C (membrane)

85 °C

UV IEC 60670-22
Yes (IEC 60670-22)

HF HALOGEN FREE
Halogen-free in compliance with EN IEC 63355

EN 61140
II (according to IEC 61140 standards)

STANDARDS/APPROVALS

CE UK CA

GEWISS S.p.A. Via A. Volta, 1
24069 Cenate Sotto - Bergamo - Italy
tel. +39 035 94 61 11 fax +39 035 94 69 09
Company subject to the management and coordination of Polifin S.p.A.

www.gewiss.com
sat@gewiss.com
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