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	-
Accordance with Standards	IEC 60670-1, IEC 60670-22
Application	Ordinary junctions
Internal dimensions BxDxH (mm)	81x49x46
External dimensions BxDxH (mm)	88x57x51
Material	PP + GF (case), TPE (membrane), PA + GF (bracket)
Colour	Black RAL 9005
Lid	Low screwed
Type of bottom	Standard
Walls	With threaded entries and membrane
-	-
-	-

MECHANICAL AND FUNCTIONAL CHARACTERISTICS	-
Lid screws (no. and type)	4 x 1/4 turn, captive, sealable
Captive lid	Yes
Operating temperature	-25 +60 °C
IP degree	IP66 (membrane) / IP67 (cable gland)
Glow wire test	750 °C (case), 650 °C (membrane)
Thermo-pressure with ball	85 °C
UV resistance	Yes (IEC 60670-22)
Halogen Free	Halogen-free in compliance with EN IEC 63355
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
-	-

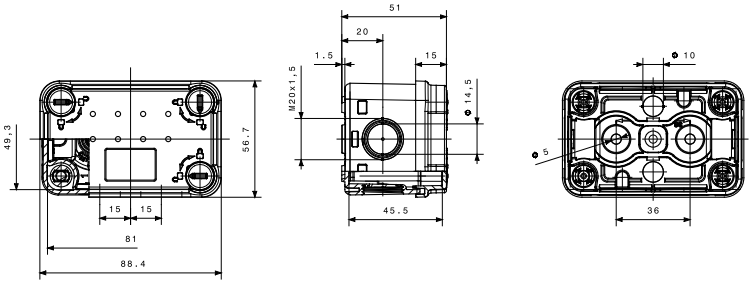
ELECTRICAL CHARACTERISTICS	-
Insulation class	II (according to IEC 61140 standards)
AC Rated operational voltage (Ue)	750 V
Insulation voltage (Ui)	750 V

EQUIPMENT AND ACCESSORIES	-
Accessories supplied	Fixing bracket
Completeable with	GW44622 (double insulation caps), GW44742 (earthing clamp)

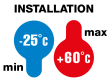
BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Part	Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
		Concentrated	Diluted	Concentrated	Diluted	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



-25 +60 °C

IP

IP66 (membrane) / IP67 (cable gland)

GWT

750 °C (case), 650 °C (membrane)



85 °C



Yes (IEC 60670-22)



Halogen-free in compliance with EN IEC 63355



II (according to IEC 61140 standards)

STANDARDS/APPROVALS

CE

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Last update 17/03/2026

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