



PRODUCT-DETAILS

AP45M

AP45M Junction box IP65 Black IP65



General Information	
Extended Product Type	AP45M
Product ID	2TKA00005256
EAN	6438199012582
Catalog Description	AP45M Junction box IP65 Black IP65
Long Description	Surface mounted junction box AP45 (2,5 mm², 500 V) is equipped with 8 self-sealing membrane cable entries for cables up to Ø 17 mm and 4 for cables up to Ø 10 mm. The membranes enable easy cable installation by simply inserting the stripped ends through the inlets. The junction box has IP65 protection rating (also after installing the cables). Cover locks by snapping and can be opened by inserting a screwdriver (for example) into the opening slots - no screws are needed. The junction box size is 105x43x40 and it has external fastening points on both sides. The box can be furnished with strain-relief AS9.10. Mounting temperature -25...+60 °C. Made of halogen free material (IEC/61249-2-21). Hard plastic parts are manufactured from recycled plastic. Color black (RAL 9011).

ABB EcoSolutions	
ABB EcoSolutions	Yes
Recyclability Rate of the Product acc. to EN45555	91.54 %

Sustainable Material Content in Product (wt. %)	Mechanically Recycled Polymer - 36.97 %
Sustainable Material Content in Packaging (wt. %)	Recycled Cardboard - 38.3 % Recycled Cardboard - 32.5 %
End Of Life Disassembling Instructions	9AKK108468A2670
Environmental Product Declaration - EPD	9AKK108468A3481

Technical

Model Number	Junction box
Number of Conduit Inlets	12
Cover Mounting Type	Snap On
Entrance Type	Seal membrane
Includes	None
Rated Cross-Section	2.5 mm²

Electrical

Rated Insulation Voltage (U _i)	acc. to IEC/EN 60664-1 500 V
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Design

Shape	Square
Surface Finishing	Untreated
Material	Plastic
Cover Style	Blind Cover
Color	Black

Material Compliance

RoHS Information	9AKK106713A4634
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20240314
REACH Declaration	9AKK106713A4633
REACH Information	False - does not contain substances > 0.1 mass percentage
REACH Date	20240314
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363
WEEE Category	Product Not in WEEE Scope

Environmental

Degree of Protection	IP65
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Dimensions	
Product Net Width	43 mm
Product Net Height	105 mm
Product Net Depth / Length	40 mm
Product Net Weight	0.033 kg
Dimension Diagram	9AKK108470A7537

Ordering	
Package Level 1 Units	box 24 piece
Package Level 1 Gross Weight	0.874 kg
E-Number (Finland)	1612546
E-Number (Norway)	1241002
E-Number (Sweden)	1438547

Certificates and Declarations	
Declaration of Conformity - CE	9AKK108467A2081

Installation	
Instructions and Manuals	9AKK108468A3477
Mounting Type	Universal

Popular Downloads	
Data Sheet, Technical Information	No document needed

External Classifications and Standards	
ETIM 9	EC002600 - Box/housing for surface mounting on the wall/ceiling

Categories	
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Low Voltage Products and Systems → Installation Materials → Surface Mounted Boxes → Indoors Applications

Low Voltage Products and Systems → Installation Materials → Surface Mounted Boxes → Outdoors or Applications in Wet Spaces

