

Junction box

Junction box IP65

Type: AP45M

Product ID: 2TKA00005256

GTIN: 6438199012582

















Junction box AP45 (2,5 mm², 500 V) is equipped with 10 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.

Technical specification

Packing

Package:	24/240/2880
Unit:	PCS

ETIM Data

ETIM Version:	ETIM-9.0

© ABB 2025

Business ID 0763403-0 www.installationmaterials.com **Customer service**

puh. +358 10 222 1999 contact.center@fi.abb.com **ABB Exchange**

+358 10 22 11

Product Card

Junction box IP65



Equipped with: None Shape: Square Mounting method: Universal Mounting in the soil: No Mounting under water: Yes Length: 105 mm Width: 43 mm Depth: 40 mm Diameter: 105 mm Diameter: 105 mm Tackable: No Number of inlets: 12 Type of housing feed-through: Seal membrane Material: Plastic Halogen free: Yes Surface protection: Untreated Colour: Black Colour: Black Cover model: IP65 Cover model: No Cover attachment: No Cover attachment: No Castable: No With casting compound: No Sealable: No With screening: No Weatherproof: Yes Operating temperature: -25.60 °C	ETIM Class:	EC002600
Mounting in the soil: No Mounting under water: No Inlet from the rear: Yes Length: 105 mm Width: 43 mm Depth: 40 mm Diameter: 105 mm Tackable: No Number of inlets: 12 Type of housing feed-through: Seal membrane Material: Plastic Halogen free: Yes Surface protection: Untreated Colour: Black Colour: Blind cover Transparent cover: No Cover model: Blind cover Transparent cover: No Cover attachment: Snapped on Castable: No With casting compound: No Sealable: No With casting compound: No Sealable: No With screening: No Wetherproof: Yes Operating temperature: 2560 °C	Equipped with:	None
Mounting in the soil: No Mounting under water: Yes Length: 105 mm Width: 43 mm Depth: 40 mm Diameter: 105 mm Tackable: No Number of inlets: 12 Type of housing feed-through: Seal membrane Material: Plastic Halogen free: Yes Surface protection: Untreated Colour: Black Colour: Blind cover Transparent cover: No Cover model: Blind cover Transparent cover: No Cover attachment: Snapped on Castable: No With casting compound: No Sealable: No Rated insulation voltage Ui: 500 V Weatherproof: Yes Operating temperature: 25.60 °C	Shape:	Square
Mounting under water: No Inlet from the rear: Yes Length: 105 mm Width: 43 mm Depth: 40 mm Diameter: 105 mm Tackable: No Number of inlets: 12 Type of housing feed-through: Seal membrane Material: Yes Surface protection: Untreated Colour: Black Degree of protection (IP): IP65 Cover model: Blind cover Transparent cover: No Cover attachment: Snapped on Castable: No With casting compound: No Sealable: No With screening: No With screening: No Weatherproof: Yes Operating temperature: 2560 °C	Mounting method:	Universal
Inlet from the rear: Yes Length: 105 mm Width: 43 mm Depth: 40 mm Diameter: 105 mm Tackable: No Number of inlets: 12 Type of housing feed-through: Seal membrane Material: Plastic Halogen free: Yes Surface protection: Untreated Colour: Black Degree of protection (IP): IP65 Cover model: Blind cover Transparent cover: No Cover attachment: Snapped on Castable: No With casting compound: No Sealable: No Rated insulation voltage Ui: 500 V With screening: No Weatherproof: Yes Operating temperature: -2560 °C	Mounting in the soil:	No
Length: 105 mm Width: 43 mm Depth: 40 mm Diameter: 105 mm Tackable: No Number of inlets: 12 Type of housing feed-through: Seal membrane Material: Plastic Halogen free: Yes Surface protection: Untreated Colour: Black Degree of protection (IP): IP65 Cover model: Blind cover Transparent cover: No Cover attachment: Snapped on Castable: No With casting compound: No Sealable: No Rated insulation voltage Ui: 500 V With screening: No Weatherproof: Yes Operating temperature: -2560 °C	Mounting under water:	No
Width: 43 mm Depth: 40 mm Diameter: 105 mm Tackable: No Number of inlets: 12 Type of housing feed-through: Seal membrane Material: Plastic Halogen free: Yes Surface protection: Untreated Colour: Black Degree of protection (IP): IP65 Cover model: Blind cover Transparent cover: No Cover attachment: Snapped on Castable: No With casting compound: No Sealable: No Rated insulation voltage Ui: 500 V With screening: No Weatherproof: Yes Operating temperature: -2560 °C	Inlet from the rear:	Yes
Depth: 40 mm Diameter: 105 mm Tackable: No Number of inlets: 12 Type of housing feed-through: Seal membrane Material: Plastic Halogen free: Yes Surface protection: Untreated Colour: Black Degree of protection (IP): IP65 Cover model: Blind cover Transparent cover: No Cover attachment: Snapped on Castable: No With casting compound: No Sealable: No With screening: No With screening: No Weatherproof: Yes Operating temperature: -2560 °C	Length:	105 mm
Diameter: 105 mm Tackable: No Number of inlets: 12 Type of housing feed-through: Seal membrane Material: Plastic Halogen free: Yes Surface protection: Untreated Colour: Black Degree of protection (IP): 1P65 Cover model: Blind cover Transparent cover: No Cover attachment: Snapped on Castable: No With casting compound: No Sealable: No With screening: No Wetherproof: Yes Operating temperature: -2560 °C	Width:	43 mm
Tackable:NoNumber of inlets:12Type of housing feed-through:Seal membraneMaterial:PlasticHalogen free:YesSurface protection:UntreatedColour:BlackDegree of protection (IP):IP65Cover model:Blind coverTransparent cover:NoCover attachment:Snapped onCastable:NoWith casting compound:NoSealable:NoRated insulation voltage Ui:500 VWith screening:NoWeatherproof:YesOperating temperature:-2560 °C	Depth:	40 mm
Number of inlets:12Type of housing feed-through:Seal membraneMaterial:PlasticHalogen free:YesSurface protection:UntreatedColour:BlackDegree of protection (IP):IP65Cover model:Blind coverTransparent cover:NoCover attachment:Snapped onCastable:NoWith casting compound:NoSealable:NoRated insulation voltage Ui:500 VWith screening:NoWeatherproof:YesOperating temperature:-2560 °C	Diameter:	105 mm
Type of housing feed-through: Material: Plastic Halogen free: Yes Surface protection: Untreated Colour: Black Degree of protection (IP): IP65 Cover model: Blind cover Transparent cover: No Cover attachment: Snapped on With casting compound: No Seal ble: No Rated insulation voltage Ui: With screening: No Weatherproof: Yes Operating temperature: -2560 °C	Tackable:	No
Material:PlasticHalogen free:YesSurface protection:UntreatedColour:BlackDegree of protection (IP):IP65Cover model:Blind coverTransparent cover:NoCover attachment:Snapped onCastable:NoWith casting compound:NoSealable:NoRated insulation voltage Ui:500 VWith screening:NoWeatherproof:YesOperating temperature:-2560 °C	Number of inlets:	12
Halogen free: Surface protection: Untreated Colour: Black Degree of protection (IP): IP65 Cover model: Blind cover Transparent cover: No Cover attachment: Snapped on Castable: No With casting compound: No Sealable: No Rated insulation voltage Ui: With screening: No Weatherproof: Yes Operating temperature: -2560 °C	Type of housing feed-through:	Seal membrane
Surface protection: Colour: Black Degree of protection (IP): IP65 Cover model: Blind cover Transparent cover: No Cover attachment: Snapped on Castable: No With casting compound: No Sealable: No Rated insulation voltage Ui: No Weatherproof: Yes Operating temperature: -2560 °C	Material:	Plastic
Colour:BlackDegree of protection (IP):IP65Cover model:Blind coverTransparent cover:NoCover attachment:Snapped onCastable:NoWith casting compound:NoSealable:NoRated insulation voltage Ui:500 VWith screening:NoWeatherproof:YesOperating temperature:-2560 °C	Halogen free:	Yes
Degree of protection (IP): IP65 Cover model: Blind cover Transparent cover: No Cover attachment: Snapped on Castable: No With casting compound: No Sealable: No Rated insulation voltage Ui: 500 V With screening: No Weatherproof: Yes Operating temperature: -2560 °C	Surface protection:	Untreated
Cover model: Blind cover Transparent cover: No Cover attachment: Snapped on Castable: No With casting compound: No Sealable: No Rated insulation voltage Ui: 500 V With screening: No Weatherproof: Yes Operating temperature: -2560 °C	Colour:	Black
Transparent cover: Cover attachment: Castable: No With casting compound: Sealable: No Rated insulation voltage Ui: With screening: No Weatherproof: Yes Operating temperature: No Snapped on No No No No Po No No Yes Operating temperature: No Snapped on No No No No -2560 °C	Degree of protection (IP):	IP65
Cover attachment: Castable: No With casting compound: No Sealable: No Rated insulation voltage Ui: With screening: No Weatherproof: Yes Operating temperature: Snapped on No No No Voltage Ui: Yes -2560 °C	Cover model:	Blind cover
Castable:NoWith casting compound:NoSealable:NoRated insulation voltage Ui:500 VWith screening:NoWeatherproof:YesOperating temperature:-2560 °C	Transparent cover:	No
With casting compound: Sealable: Rated insulation voltage Ui: With screening: No Weatherproof: Yes Operating temperature: -2560 °C	Cover attachment:	Snapped on
Sealable:NoRated insulation voltage Ui:500 VWith screening:NoWeatherproof:YesOperating temperature:-2560 °C	Castable:	No
Rated insulation voltage Ui: 500 V With screening: No Weatherproof: Yes Operating temperature: -2560 °C	With casting compound:	No
With screening: No Weatherproof: Yes Operating temperature: -2560 °C	Sealable:	No
Weatherproof: Operating temperature: Yes -2560 °C	Rated insulation voltage Ui:	500 V
Operating temperature: -2560 °C	With screening:	No
	Weatherproof:	Yes
Explosion-tested version: No	Operating temperature:	-2560 °C
	Explosion-tested version:	No