

Junction box

Abox-i 100-10²



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Junction box

CUSTOMIZABLE

Productnumber: 49041001
Dimensions: 140 x 140 x 79 mm

Junction box - Industrial Quality - acc. to DIN EN 60670 (VDE 0606), Ui=690V, weatherproof, shock-proof, halogen-free, with IP66 double-membrane seals, M32, seal range 14 - 21 mm

Grey, with high-set screw terminal, 5-pole - 10 mm² (4 x 4² / 4 x 6² / 4 x 10²)



Technical Data

electrical characteristics

Protection type UL:	not specified
Rated insulation voltage AC:	690 V
Type of protection:	IP65
Circuit integrity class:	none
Max. conductor cross section:	10 mm ²
Protection class:	II

Colours

Cover colour:	grey
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Dimensions

Length:	140 mm
Width:	140 mm

Dimensions

Height:	79 mm
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Material characteristics

suitable for exterior use:	yes
Halogen free:	yes
Industry quality:	yes

mechanical properties

Type of fastening:	Wall/ceiling mounting
Sealable:	yes
Cover screw torque:	1.7 Nm
Impact strength:	IK08

Ambient conditions

max. relative humidity 25°C:	95 %
max. relative humidity 40°C:	50 %
Min. ambient temperature:	-35
Max. ambient temperature:	80
24h ambient temperature:	60

Material

Base unit material:	Polycarbonate
Cover material:	Polycarbonate, glass-fibre reinforced
Sealing material:	Polyurethane
Cover screw material:	Stainless steel V2A

Certificates

Test mark:	VDE
Test mark:	DLG
Test mark:	DNVGL

Accessories

KS M32 - Combi set

KST M25-17 - Combi connector

KST M25-33 - Combi connector

KST M32 - Combi connector

NS 35-106 - Standard rail

KVR M20-MGM - Cable gland

KVR M25-MGM - Cable gland

KVR M32-MGM - Cable gland

DMS M20/w - M20, white

DMS M25/w - M 25, white

DMS M20 - Double-membrane seals

DMS M25 - Double-membrane seals

DMS M32 - Double-membrane seals

DMS M40 - Double-membrane seals

BST M20/sw - Ventilation seal

BST M20 - Ventilation seal

Abox 100 KLS-10² - Terminal block

Abox PST - Sealing kit

Abox 100 MPI - Mounting plate
