

Junction box

Abox 100-10²

This product is outdated. To the successor product: 81042001



Abox 100-10²

Junction box

CUSTOMIZABLE

Productnumber: 81041001

Dimensions: 140 x 140 x 79 mm

Junction box, protection class IP54/IP65, nominal cross-section 10 mm², U_i=690 V AC, certified by VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), knockouts, M20/M25/M32, (2 rear, 10 side), internal fixing points, for standard indoor installations

grey, with raised screw terminal, 5-pole - 10 mm² (4 x 4² / 4 x 6² / 4 x 10²)

Accessories supplied:

4 Attachment bushes IP54 M32 sealing range 13 - 23 mm, 1 sealing plugs M32

IP54
IP65

10²

IK07

690V
AC

VDE

RoHS-free

To industrial product: 49041001

Technical Data

electrical characteristics

Rated insulation voltage AC:	690 V
Max. conductor cross section:	10 mm²
Protection class:	II
Type of protection:	IP54/IP65
UL Type Rating:	not specified

Colours

Base unit colour:	grey
Cover colour:	grey

Dimensions

Width:	140 mm
Length:	140 mm
Height:	79 mm
Weight:	0.3556 kg

Material characteristics

UV-resistant:	no
Halogen free:	yes
Flammability class according with UL94:	HB
Glow-wire flammability:	650 °C (EN 60695-2-11)

mechanical properties

Type of fastening:	Wall/ceiling mounting
Impact strength:	IK07
Sealable:	yes
Cover screw torque:	1 Nm
Fastening:	internal fixing points

Ambient conditions

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

Sales Information

EAN:	4013902110162
ETIM Class:	EC002600
Custom tariff number:	85369095
Minimum order quantity:	1

Material

Base unit material:	Polystyrene
Cover material:	Polystyrene
Cover screw material:	Stainless steel 1.4567 (V2A)

Certificates

Test mark:	VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22))
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Accessories

[19202001 - KS M20 - Combi set](#)

[19202501 - KS M25 - Combi set](#)

[19202601 - KS M25-gro - Combi set](#)

[19203201 - KS M32 - Combi set](#)

[19302501 - KST M25-17 - Combi connector](#)

[19302601 - KST M25-33 - Combi connector](#)

[19303201 - KST M32 - Combi connector](#)

[19810601 - NS 35-106 - Standard rail](#)

[20342001 - WST M20 - Twist plug](#)

[20342501 - WST M25 - Twist plug](#)

[20343201 - WST M32 - Twist plug](#)

[21342001 - WNI M20 - Twist nipple](#)

[21342501 - WNI M25 - Twist nipple](#)

[21343201 - WNI M32 - Twist nipple](#)

[21642001 - SNI M20 - Stepped nipple](#)

[21642501 - SNI M25 - Stepped nipple](#)

[21643201 - SNI M32 - Stepped nipple](#)

[22742001 - KVR M20-MGM - Cable gland](#)

[22742101 - KVR M20-GDB/MGM - Cable gland](#)

[22742501 - KVR M25-MGM - Cable gland](#)

[22743201 - KVR M32-MGM - Cable gland](#)

[23042001 - AST M20 - Attachment bushes](#)

[23042501 - AST M25 - Attachment bushes](#)

[23043201 - AST M32 - Attachment bushes](#)

[23142001 - VST M20 - Sealing plugs](#)

[23142501 - VST M25 - Sealing plugs](#)

[23143201 - VST M32 - Sealing plugs](#)

[26012001 - DMS M20/w - Double-membrane seals](#)

[26012501 - DMS M25/w - Double-membrane seals](#)

[26042001 - DMS M20 - Double-membrane seals](#)

[26042501 - DMS M25 - Double-membrane seals](#)

[26043201 - DMS M32 - Double-membrane seals](#)

[26043301 - DMS M32/4 - Double-membrane seals](#)

[26044001 - DMS M40 - Double-membrane seals](#)

[26202001 - BST M20/sw - Ventilation seal](#)

[26242001 - BST M20 - Ventilation seal](#)

[28842001 - RST M20 - Conduit connector](#)

[84001001 - Abox 100 KLS-10² - Terminal block](#)

[89001001 - Abox PST - Sealing kit](#)

[89501001 - Abox 100 MPI - Mounting plate](#)

Cable gland

