



JUNCTION BOX

Abox 100-10²



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Junction box

CUSTOMIZE

140 x 140 x 79 mm
Article number: 81041001

Junction box acc. to DIN EN 60670 (VDE 0606), U_i=690V, with IP54 attachment bushes, M32, seal range 13 - 23 mm, with blanking plug M32

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



Technical data

Measures

Width:	140 mm
Length:	140 mm
Height:	79 mm

Material:

Cover:	polystyrene
Box:	polystyrene
material:	polystyrene
Cover screw:	stainless steel V2A

Certificates



Accessory

DMS M20/w - M20, white

DMS M25/w - M 25, white

Abox 100 KLS-10² - Terminal block

KS M25-gro - Combi set

KST M25-33 - Combi connector

KST M25-17 - Combi connector

DMS M40 - Double-membrane seals

BST M20/sw - Ventilation seal

Abox 100 MPI - Mounting plate

Abox PST - Sealing kit

AST M20 - Attachment bushes

AST M25 - Attachment bushes

AST M32 - Attachment bushes



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Other attributes

sealable:	Yes
Entries:	12
Rated cross section:	10 mm ²
Tackable:	No
Rated insulation voltage AC:	690 V
Explosion safety:	none
Functional integrity:	none
Heavy metals-free:	Yes
PVC-free:	Yes
Silicone-free:	Yes
Ingress protection:	IP65 - acc. to EN 60529 / DIN VDE 0470-1
weatherproof:	No
Combustion behaviour acc. to UL 94:	HB acc. UL94
Combustion behaviour acc. to VDE:	650°C acc. VDE 0471/ EN 60695
Cover screw torque:	1 N m

BST M20 - Ventilation seal

DMS M20 - Double-membrane seals

DMS M25 - Double-membrane seals

Environmental attributes

Ambient temperature (min.):	-25 °C
Ambient temperature (max.):	40 °C
Ambient temperature (24 h):	35 °C
Max. rel. humidity at 25° C (short term):	95%
Max. rel. humidity at 40° C:	50%