



JUNCTION BOX

Abox m 040 AB-4²

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Junction box

CUSTOMIZE

94 x 94 x 57 mm
Article number: 81240701

Junction box acc. to DIN EN 60670 (VDE 0606), Ui=690V, with knock-outs, M20/M25, with IP54 attachment bushes, M20, seal range 8 - 13.5 mm, M25, seal range 9 - 18.5 mm, with external attachment lugs

Grey, with screw terminal, 5-pole - 2.5/4 mm² (4 x 1.5² / 4 x 2.5² / 3 x 4²)



Technical data

Measures

Width:	94 mm
Length:	94 mm
Height:	57 mm

Material:

Cover:	polystyrene
Sealing:	thermoplastic elastomer
material:	polystyrene
Box:	polystyrene
Cover screw:	stainless steel V2A

Certificates



Accessory

- DMS M20/w - M20, white
- DMS M25/w - M 25, white
- Abox PST - Sealing kit
- Abox 025/040 KLS-2,5²/4² - Terminal block
- AST M20 - Attachment bushes
- AST M25 - Attachment bushes
- DMS M20 - Double-membrane seals
- DMS M25 - Double-membrane seals
- KVR M20-MGM - Cable gland
- KVR M25-MGM - Cable gland
- KVR M20-GDB/MGM - Cable gland



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Entries

Pre-embossings, top:	3 x M20
Pre-embossings, left/right:	2 x M20/M25
Pre-embossings, bottom:	1 x M20/M25
Pre-embossings, rear side:	1 x M20/M25

Other attributes

Color:	Grey
Entries:	8
Rated cross section:	2,5 mm ²
Tackable:	No
Rated insulation voltage AC:	690 V
Functional integrity:	none
sealable:	Yes
Heavy metals-free:	Yes
PVC-free:	Yes
Silicone-free:	Yes
Explosion safety:	none
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

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%