



JUNCTION BOX

# Abox m 025 AB-2,5<sup>2</sup>

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Junction box

**CUSTOMIZE**

82 x 82 x 52 mm  
Article number: 80840701

Junction box acc. to DIN EN 60670 (VDE 0606), U<sub>i</sub>=690V, with knock-outs, M20, with IP54 attachment bushes, with blanking plug M20, seal range 8 - 13.5 mm, with external attachment lugs

Grey, with screw terminal, 5-pole - 2.5 mm<sup>2</sup> (4 x 1.5<sup>2</sup> / 4 x 2.5<sup>2</sup>)



## Technical data

### Measures

Width:	82 mm
Length:	82 mm
Height:	52 mm

### Material:

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

## Certificates



## Accessory

- DMS M20/w - M20, white
- Abox PST - Sealing kit
- BST M20/sw - Ventilation seal
- Abox 025/040 KLS-2,5<sup>2</sup>/4<sup>2</sup> - Terminal block
- DMS M20 - Double-membrane seals
- KVR M20-GDB/MGM - Cable gland
- KVR M20-MGM - Cable gland
- AST M20 - Attachment bushes
- WST M20 - Twist plug
- WNI M20 - Twist nipple
- VST M20 - Sealing plugs
- BST M20 - Ventilation seal



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## Entries

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

## Other attributes

Color:	Grey
Entries:	8
Rated cross section:	2,5 mm <sup>2</sup>
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
Impact resistance:	IK07 acc. DIN EN 5012 / VDE 0470 Part 100
Protection class:	II - isolate protection acc. VDE 0106
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%