



JUNCTION BOX

# Abox m 040-4<sup>2</sup>

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Junction box

**CUSTOMIZABLE**

94 x 94 x 56 mm  
Article number: 81140701

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

Grey, screw terminal, 5-pole - 2.5/4 mm<sup>2</sup> (4 x 1.5<sup>2</sup> / 4 x 2.5<sup>2</sup> / 3 x 4<sup>2</sup>)



## Technical data

### Measures

Width:	94 mm
Length:	94 mm
Height:	56 mm

### Material:

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

## Certificates



## Accessory

- Abox PST - Sealing kit
- Abox 025/040 KLS-2,5<sup>2</sup>/4<sup>2</sup> - 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 <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
Combustion behaviour acc. to UL 94:	HB acc. UL94
Combustion behaviour acc. to VDE:	650°C acc. VDE 0471/ EN 60695

## 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%