



JUNCTION BOX

Abox m 025 AB-2,5²

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Junction box

CUSTOMIZABLE

82 x 82 x 51 mm
Article number: 80840701

Junction box acc. to DIN EN 60670 (VDE 0606), U_i=690V, {mit Vorprägungen}, 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 mm² (4 x 1.5² / 4 x 2.5²)



Technical data

Measures

Width:	82 mm
Length:	82 mm
Height:	51 mm

Material

Base:	polystyrene
Cover:	polystyrene
Sealing:	thermoplastic elastomer
Cover screw:	stainless steel V2A

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

Certificates



Accessory

Abox PST - Sealing kit

Abox 025/040 KLS-2,5²/4² - 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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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
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

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%