

Junction box

Abox-i 040 SB-L



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Junction box

CUSTOMIZABLE

Productnumber: 49070401

Dimensions: 93 x 93 x 55 mm

Junction box, protection class IP65, nominal cross-section 4 mm², U_i=690 V AC, certified by VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), DLG (Ammonia resistance), DNV (Class: Ships and Offshore Installations), self-sealing, soft insertion membranes, M20, sealing range 2 - 16 mm, (1 rear, 7 side), internal fixing points, for installations in industrial environments and protected outdoor areas

grey, with red cover, without terminals, for identifying circuits for safety lighting



Technical Data

electrical characteristics

Rated insulation voltage AC:	690 V
Max. conductor cross section:	4 mm ²
Protection class:	II
Type of protection:	IP65
UL Type Rating:	not specified

Colours

Base unit colour:	grey
Cover colour:	red

Dimensions

Width:	93 mm
Length:	93 mm
Height:	55 mm

Material characteristics

UV-resistant:	yes
Halogen free:	yes
Flammability class according with UL94:	HB
Glow-wire flammability according to EN 60695-2-11:	650 °C
Industry quality:	yes

mechanical properties

for sealing range min:	2 mm
for sealing range max:	16 mm
Type of fastening:	Wall/ceiling mounting
Impact strength:	IK08
Sealable:	yes
Cover screw torque:	1.7 Nm

mechanical properties

Fastening:	internal fixing points
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Ambient conditions

max. relative humidity 25°C:	95 %
max. relative humidity 40°C:	50 %
Min. ambient temperature:	-35 °C
Max. ambient temperature:	80 °C
24h ambient temperature:	60 °C
Installation location:	protected outdoor areas

Material

Base unit material:	ASA-PC
Cover material:	ASA-PC
Sealing material:	Thermoplastic elastomer
Cover screw material:	Stainless steel V2A

Certificates

Test mark:	VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22))
Test mark:	DLG (Ammonia resistance)
Test mark:	DNV (Class: Ships and Offshore Installations)

Accessories

[22742001 - KVR M20-MGM - Cable gland](#)

[22742101 - KVR M20-GDB/MGM - Cable gland](#)

[23142001 - VST M20 - Sealing plugs](#)

[26012001 - DMS M20/w - Double-membrane seals](#)

[26042001 - DMS M20 - Double-membrane seals](#)

[26202001 - BST M20/sw - Ventilation seal](#)

[26242001 - BST M20 - Ventilation seal](#)

[84000401 - Abox 025/040 KLS-2,5²/4² - Terminal block](#)

[84000201 - Abox 025/040 KLH-SL 0,2/4² - Terminal holder](#)

Cable gland

