

Junction Box

# Abox-i 025 AB-L/sw



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Junction Box

**CUSTOMIZABLE**

Productnumber: 49190301

Dimensions: 80 x 80 x 52 mm

Junction Box, with protection class IP65, Nominal cross-section 2.5 mm<sup>2</sup>, Ui=690V AC, certified according to VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), DLG (Ammonia resistance), DNV (Class: Ships and Offshore Installations), Self-sealing, flexible insertion membranes, M20, Sealing area 2 - 16 mm, (1 Rear, 7 Side), External fastening points, for installations in the industrial arena and protected outside areas

**black, without terminals**



## Technical Data

### electrical characteristics

Rated insulation voltage AC:	690 V
Max. conductor cross section:	2,5 mm <sup>2</sup>
Protection class:	II
Type of protection:	IP65
Protection type UL:	not specified

### Colours

Base unit colour:	black
Cover colour:	black

### Dimensions

Width:	80 mm
Length:	80 mm

## Dimensions

Height:	52 mm
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### Material characteristics

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

## mechanical properties

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

## 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

## 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

[84000201 - Abox 025/040 KLH-SL 0.2/4<sup>2</sup> - Clamp mount](#)