

Junction Box

# Abox-i m 040 AB-L

## Abox-i m 040 AB-L

Junction Box

CUSTOMIZABLE

Productnumber: 50390401  
Dimensions: 94 x 94 x 57 mm

Junction box - Industrial Quality - acc. to DIN EN 60670 (VDE 0606), Ui=690V, weatherproof, shock-proof, with knock-outs, M20, M20/M25, with IP66 double-membrane seals, M25, seal range 9 - 16 mm, with external fixing lugs

Grey, without terminal



## Technical Data

### electrical characteristics

Protection type UL:	not specified
Rated insulation voltage AC:	690 V
Type of protection:	IP66
Circuit integrity class:	none
Max. conductor cross section:	4 mm <sup>2</sup>
Protection class:	II

### Colours

Base unit colour:	grey
Cover colour:	grey

### Dimensions

Width:	94 mm
--------	-------

### Dimensions

Length:	94 mm
Height:	57 mm

### Material characteristics

suitable for exterior use:	yes
Flammability class according with UL94:	V2
Glow-wire flammability according to EN 60695-2-11:	650 °C
Halogen free:	yes
Industry quality:	yes

## mechanical properties

Type of fastening:	Wall/ceiling mounting
Sealable:	yes
Cover screw torque:	1.7 Nm
Impact strength:	IK08

## 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:	Polycarbonate
Cover material:	Polycarbonate, glass-fibre reinforced
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 confirmed ammonia resistance in accordance with DLG test directive
Test mark:	DNVGL certified – Class: Shipping & offshore systems

## Accessories

---

KVR M20-MGM - Cable gland

---

KVR M20-GDB/MGM - Cable gland

---

KVR M25-MGM - Cable gland

---

KVR M25 - Cable gland

---

DMS M20/w - Double-membrane seals

---

DMS M25/w - Double-membrane seals

---

DMS M20 - Double-membrane seals

---

DMS M25 - Double-membrane seals

---

Abox 025/040 KLH-SL 0.2/4<sup>2</sup> - Clamp mount

---

Abox 025/040 KLS-2,5<sup>2</sup>/4<sup>2</sup> - Terminal block

---

Abox PST - Sealing kit

---

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Electrical Enclosures](#) category:*

*Click to view products by [Spelsberg](#) manufacturer:*

Other Similar products are found below :

[1201110001](#) [120-401](#) [120-905](#) [120-909](#) [120-403](#) [130-004](#) [MR-25L+](#) [30-8739](#) [PIP-11774SCREW](#) [30-9715](#) [30-9777-BU](#) [110-902](#) [110-901](#)  
[A16N12BLP](#) [110-406](#) [110-401](#) [110-404](#) [120-405](#) [34861601](#) [106-009](#) [106-505](#) [105-405](#) [111-005](#) [127-909](#) [106-502](#) [130-475](#) [130-503](#) [127-](#)  
[455](#) [9511150](#) [9511017](#) [9820011](#) [NSYTDB5PL](#) [137-455](#) [130-001](#) [105-904](#) [120-404](#) [137-005](#) [130-505](#) [127-406](#) [AB 1,5.0](#) [AB2.0](#) [ABM.0](#)  
[73345601](#) [F-MP](#) [H-MP](#) [M-MP](#) [PAT 12040](#) [2461000](#) [9121230](#) [79541301](#)