# Junction Box
# Abox-i 160-L

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#### Junction Box

**CUSTOMIZABLE**

Productnumber: 49091601
Dimensions: 180 x 180 x 91 mm

Junction box - Industrial Quality - acc. to DIN EN 60670 (VDE 0606), Ui=690V, weatherproof, shock-proof, halogen-free, with sealing kit, for suitable cable in-feeds see accessories

#### Grey, without terminals

| IP65 | 16² | IK08 | | 690V AC | | | | | IQ |

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## Technical Data

### electrical characteristics

| | |
|---|---|
| Protection type UL: | not specified |
| Rated insulation voltage AC: | 690 V |
| Type of protection: | IP65 |
| Max. conductor cross section: | 16 mm² |
| Protection class: | II |

P1. 1.10.8.2

### Colours

| | |
|---|---|
| Base unit colour: | grey |
| Cover colour: | grey |

### Dimensions

| | |
|---|---|
| Width: | 180 mm |
| Length: | 180 mm |

## Dimensions

| | |
|---|---|
| Height: | 91 mm |

## Material characteristics

| | |
|---|---|
| suitable for exterior use: | yes |
| Flammability class according with UL94: | V2 |
| Glow-wire flammability according to EN 60695-2-11: | 960 °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 |

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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 |

## Material

| | |
|---|---|
| Base unit material: | Polycarbonate |
| Cover material: | Polycarbonate, glass-fibre reinforced |
| Sealing material: | Polyurethane |
| 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 &amp; offshore systems |

# Accessories

KS M20 - Combi set

KVR M20-GDB/MGM - Cable gland

KVR M25-MGM - Cable gland

KVR M32-MGM - Cable gland

KVR M40-MGM - Cable gland

DMS M20/w - Double-membrane seals

DMS M25/w - Double-membrane seals

DMS M20 - Double-membrane seals

DMS M25 - Double-membrane seals

DMS M32 - Double-membrane seals

DMS M40 - Double-membrane seals

Abox 160 KLS-16² - Terminal block

NS35-144/2 - Standard rail

Abox 160 MPI - Mounting plate