Junction box

# Abox 700-L



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**Junction box**

CUSTOMIZABLE

Productnumber: 87091001
Dimensions: 300 x 450 x 132 mm

Junction box, protection class IP54/IP65, nominal cross-section 70 mm², Ui=690 V AC, knockouts, M20/M32/M40/M50/M63, (16 side), internal fixing points, for standard indoor installations

**grey, without terminals**

**Accessories supplied:**
**3 twist nipples with locknuts IP54 M63 sealing range 24 - 43 mm**

IP54 IP65 | 70² | IK07 | 690V AC | halogen-free

# Technical Data

## electrical characteristics

| | |
|---|---|
| Rated insulation voltage AC: | 690 V |
| Max. conductor cross section: | 70 mm² |
| Protection class: | II |
| Type of protection: | IP54/IP65 |
| UL Type Rating: | not specified |

## Colours

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

## Dimensions

| | |
|---|---|
| Width: | 300 mm |
| Length: | 450 mm |
| Height: | 132 mm |
| Weight: | 1.98 kg |

## Material characteristics

| | |
|---|---|
| UV-resistant: | no |
| Halogen free: | yes |
| Flammability class according with UL94: | HB |
| Glow-wire flammability according to EN 60695-2-11: | 650 °C |

## mechanical properties

| | |
|---|---|
| Type of fastening: | Wall/ceiling mounting |
| Impact strength: | IK07 |
| Sealable: | yes |
| Cover screw torque: | 1 Nm |
| Fastening: | internal fixing points |

## Ambient conditions

| | |
|---|---|
| max. relative humidity 25°C: | 95 % |
| max. relative humidity 40°C: | 50 % |
| Min. ambient temperature: | -25 °C |
| Max. ambient temperature: | 40 °C |
| 24h ambient temperature: | 35 °C |
| Installation location: | Indoors |

## Sales Information

| | |
|---|---|
| EAN: | 4013902111190 |
| ETIM Class: | EC002600 |
| Custom tariff number: | 85389099 |
| MOQ: | 1 |

## Material

| | |
|---|---|
| Base unit material: | Polystyrene |
| Cover material: | Polystyrene |
| Cover screw material: | Polyamide, glass-fibre reinforced |

## Accessories

84007001 - Abox 700 KLS-70² - Terminal block

79503001 - NS35-216/3 - Standard rail

79500301 - AK MPI 3 - Mounting plate

19202001 - KS M20 - Combi set

19203201 - KS M32 - Combi set

19302501 - KST M25-17 - Combi connector

19302601 - KST M25-33 - Combi connector

19303201 - KST M32 - Combi connector

20342001 - WST M20 - Twist plug

20343201 - WST M32 - Twist plug

20344001 - WST M40 - Twist plug

20345001 - WST M50 - Twist plug

21342001 - WNI M20 - Twist nipple

21343201 - WNI M32 - Twist nipple

21642001 - SNI M20 - Stepped nipple

21643201 - SNI M32 - Stepped nipple

21644001 - SNI M40 - Stepped nipple

22742001 - KVR M20-MGM - Cable gland

22742101 - KVR M20-GDB/MGM - Cable gland

22742501 - KVR M25-MGM - Cable gland

22743201 - KVR M32-MGM - Cable gland

22744001 - KVR M40-MGM - Cable gland

22745001 - KVR M50-MGM - Cable gland

23042001 - AST M20 - Attachment bushes

23043201 - AST M32 - Attachment bushes

23044001 - AST M40 - Attachment bushes

23142001 - VST M20 - Sealing plugs

23143201 - VST M32 - Sealing plugs

23144001 - VST M40 - Sealing plugs

26012001 - DMS M20/w - Double-membrane seals

26012501 - DMS M25/w - Double-membrane seals

26042001 - DMS M20 - Double-membrane seals

26042501 - DMS M25 - Double-membrane seals

26043201 - DMS M32 - Double-membrane seals

26043301 - DMS M32/4 - Double-membrane seals

26044001 - DMS M40 - Double-membrane seals

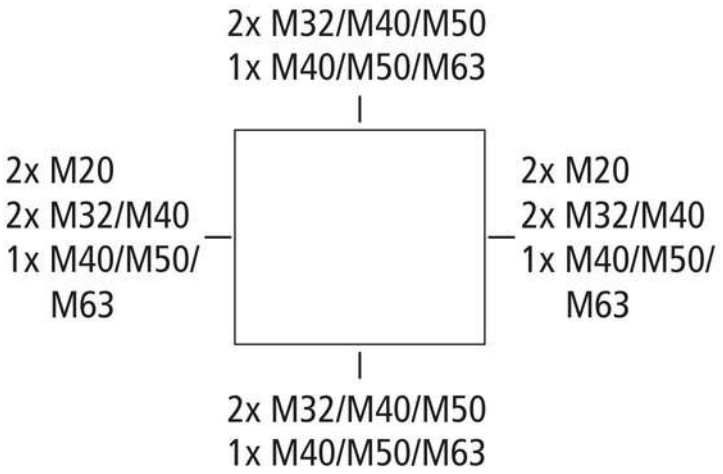
26202001 - BST M20/sw - Ventilation seal

26242001 - BST M20 - Ventilation seal

28842001 - RST M20 - Conduit connector

28843201 - RST M32 - Conduit connector

## Cable gland


2x M32/M40/M50
1x M40/M50/M63
2x M20
2x M32/M40
1x M40/M50/
M63
2x M20
2x M32/M40
1x M40/M50/
M63
2x M32/M40/M50
1x M40/M50/M63