

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 mm<sup>2</sup>, U<sub>i</sub>=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



## Technical Data

### electrical characteristics

Rated insulation voltage AC:	690 V
Max. conductor cross section:	70 mm <sup>2</sup>
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

### 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
Industry quality:	no

### 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

## Material

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

## Accessories

- [84007001 - Abox 700 KLS-70<sup>2</sup> - 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

