

Junction box

# Abox SL-10<sup>2</sup>



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Junction box

**CUSTOMIZABLE**

Productnumber: 81681001

Dimensions: 180 x 180 x 91 mm

Junction box, with protection class IP54/IP65, Nominal cross-section 10 mm<sup>2</sup>, Ui=690V AC, certified according to VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), Push-out membranes, M20/M25/M32/M40, (2 Rear, 10 Side), Internal fastening points, with screwless terminals for standard indoor installations

**grey, with high-set, screwless terminal Wago 2010-1201, 5-pole, max. nominal cross-section according to DIN EN 60998: 10 mm<sup>2</sup>, 57 A current load capacity, cross-sections able to be clamped per pin: 4 x 0.5 to 16 mm<sup>2</sup> rigid and flexible**

**Accessories supplied:**

**4 Attachment bushes IP54 M40 sealing area 17 - 30 mm, 1 sealing plugs M40, 1 Sealing kit**



To industrial product:

<https://www.spelsberg.com/p/49081601>

## Technical Data

### electrical characteristics

Rated insulation voltage AC:	690 V
Max. conductor cross section:	10 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:	180 mm
Length:	180 mm
Height:	91 mm

### Material characteristics

suitable for exterior use:	no
Industry quality:	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

## 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
Set-up location:	Indoors

## Material

Base unit material:	Polystyrene
Cover material:	Polystyrene
Cover screw material:	Stainless steel V2A

## Certificates

Test mark:	VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22))
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## Accessories

- [20342001 - WST M20 - Twist plug](#)
- [20342501 - WST M25 - Twist plug](#)
- [20343201 - WST M32 - Twist plug](#)
- [20344001 - WST M40 - Twist plug](#)
- [21342001 - WNI M20 - Twist nipple](#)
- [21342501 - WNI M25 - Twist nipple](#)
- [21343201 - WNI M32 - Twist 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](#)
- [23042001 - AST M20 - Attachment bushes](#)
- [23042501 - AST M25 - Attachment bushes](#)
- [23043201 - AST M32 - Attachment bushes](#)
- [23044001 - AST M40 - Attachment bushes](#)
- [23142001 - VST M20 - Sealing plugs](#)
- [23142501 - VST M25 - Sealing plugs](#)
- [23143201 - VST M32 - Sealing plugs](#)
- [23144001 - VST M40 - Sealing plugs](#)
- [24743201 - KVR M32 - Cable gland](#)
- [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](#)
- [26044001 - DMS M40 - Double-membrane seals](#)
- [26202001 - BST M20/sw - Ventilation seal](#)
- [26242001 - BST M20 - Ventilation seal](#)

## Cable gland

