

Junction Box

# Abox 100-L



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Junction Box

CUSTOMIZABLE

Productnumber: 81091001

Dimensions: 140 x 140 x 79 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, (2 Rear, 10 Side), Internal fastening points, for standard indoor installations

grey, without terminals

Accessories supplied:

4 Attachment bushes IP54 M32 sealing area 13 - 23 mm, 1 sealing plugs M32



To industrial product:

<https://www.spelsberg.com/p/49091001>

## 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:	140 mm
Length:	140 mm
Height:	79 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

### 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

- [19202001 - KS M20 - Combi set](#)
- [19202501 - KS M25 - Combi set](#)
- [19202601 - KS M25-gro - Combi set](#)
- [19203201 - KS M32 - Combi set](#)
- [19302501 - KST M25-17 - Combi connector](#)
- [19302601 - KST M25-33 - Combi connector](#)
- [19303201 - KST M32 - Combi connector](#)
- [19810601 - NS 35-106 - Standard rail](#)
- [20342001 - WST M20 - Twist plug](#)
- [20342501 - WST M25 - Twist plug](#)
- [20343201 - WST M32 - Twist plug](#)
- [21342001 - WNI M20 - Twist nipple](#)
- [21342501 - WNI M25 - Twist nipple](#)
- [21343201 - WNI M32 - Twist nipple](#)
- [21642001 - SNI M20 - Stepped nipple](#)
- [21642501 - SNI M25 - Stepped nipple](#)
- [21643201 - SNI M32 - 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](#)
- [23042001 - AST M20 - Attachment bushes](#)
- [23042501 - AST M25 - Attachment bushes](#)
- [23043201 - AST M32 - Attachment bushes](#)
- [23142001 - VST M20 - Sealing plugs](#)
- [23142501 - VST M25 - Sealing plugs](#)
- [23143201 - VST M32 - 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](#)

[84001001 - Abox 100 KLS-10<sup>2</sup> - Terminal block](#)

[89001001 - Abox PST - Sealing kit](#)

[89501001 - Abox 100 MPI - Mounting plate](#)

## Cable gland

