

Junction box

## Abox SL-16<sup>2</sup>

This product is outdated. To the successor product: <https://www.spelsberg.com/p/81644001>



### Abox SL-16<sup>2</sup>

Junction box

CUSTOMIZABLE

Productnumber: 83581001

Dimensions: 250 x 200 x 115 mm

Junction box, protection class IP54/IP65, nominal cross-section 16 mm<sup>2</sup>, U<sub>i</sub>=690 V AC, certified by VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), knockouts, M20/M25/M32/M40/M50, (4 rear, 10 side), internal fixing points, with screwless terminals for standard indoor installations

**grey, with raised, screwless terminal Wago 2016-1201, 5-pole, max. nominal cross-section according to DIN EN 60998: 16 mm<sup>2</sup>, 76 A current load capacity, cross-sections able to be clamped per pole: 4 x 0.5 to 16 mm<sup>2</sup>, rigid, 4 x 0.5 to 25 mm<sup>2</sup> flexible**

**Accessories supplied:**

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



To industrial product:

<https://www.spelsberg.com/p/49083501>

## Technical Data

### electrical characteristics

|                               |                    |
|-------------------------------|--------------------|
| Rated insulation voltage AC:  | 690 V              |
| Max. conductor cross section: | 16 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:  | 250 mm |
| Length: | 200 mm |
| Height: | 115 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: | Stainless steel V2A |

### Certificates

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

## 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](#)
- [23142001 - VST M20 - Sealing plugs](#)
- [23142501 - VST M25 - 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](#)

## Cable gland

