

Junction box

# Abox Pro SLK-2,5<sup>2</sup>/sw



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Junction box

Productnumber: 40207001

Dimensions: 92 x 92 x 60 mm

Junction box, protection class IP66/IP67/IP69, nominal cross-section 2.5 mm<sup>2</sup>, Ui=450 V AC, certified by VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), DLG (Ammonia resistance), DNV (Class: Ships and Offshore Installations), knockouts, M16/M20, (1 rear, 7 side), internal fixing points, with screwless terminals and clamp holder, for installation in industrial environments and unprotected outdoor areas

**black, In=24 A, with 3 floor-fixed, screwless 3-wire terminals, Wago 221-413 - 2.5 mm<sup>2</sup>, clampable cross-sections per pole: 3 x 0.2 to 2.5 mm<sup>2</sup> rigid Cu and 3 x 0.14 to 2.5 mm<sup>2</sup> flexible Cu**

**Accessories supplied:**

**4 double membrane seals IP66 M20 sealing range 7 - 13 mm, cover retainer**



## Technical Data

### electrical characteristics

|                               |                     |
|-------------------------------|---------------------|
| Rated insulation voltage AC:  | 450 V               |
| Rated insulation voltage DC:  | 450 V               |
| Min. conductor cross section: | 0,2 mm <sup>2</sup> |
| Max. conductor cross section: | 2,5 mm <sup>2</sup> |
| Protection class:             | II                  |
| Type of protection:           | IP66/IP67/IP69      |
| Rated current:                | 24 A                |
| Terminal type:                | screwless           |
| Number of poles:              | 5                   |

### Colours

|                   |       |
|-------------------|-------|
| Base unit colour: | black |
| Cover colour:     | black |

### Dimensions

|               |          |
|---------------|----------|
| Width:        | 92 mm    |
| Length:       | 92 mm    |
| Height:       | 60 mm    |
| Inner length: | 78 mm    |
| Inner width:  | 78 mm    |
| Inner height: | 40 mm    |
| Weight:       | 0.184 kg |

### Material characteristics

|   |                        |
|---|------------------------|
| UV-resistant:                           | yes                    |
| Halogen free:                           | yes                    |
| Flammability class according with UL94: | V0                     |
| Glow-wire flammability:                 | 960 °C (EN 60695-2-11) |

### mechanical properties

|                     |                        |
|---------------------|------------------------|
| Impact strength:    | IK09                   |
| Sealable:           | yes                    |
| Cover screw torque: | 1.5 Nm                 |
| Type of fastening:  | Wall/ceiling mounting  |
| Fastening:          | internal fixing points |

### Ambient conditions

|                              |                           |
|------------------------------|---------------------------|
| max. relative humidity 25°C: | 95 %                      |
| max. relative humidity 40°C: | 50 %                      |
| Min. ambient temperature:    | -35 °C                    |
| Max. ambient temperature:    | 80 °C                     |
| 24h ambient temperature:     | 60 °C                     |
| Installation location:       | unprotected outdoor areas |

### Sales Information

|                         |               |
|-------------------------|---------------|
| EAN:                    | 4013902703548 |
| ETIM Class:             | EC002600      |
| Custom tariff number:   | 85369095      |
| Minimum order quantity: | 1             |

### Material

|                       |                              |
|-----------------------|------------------------------|
| Base unit material:   | Polycarbonate                |
| Cover material:       | Polycarbonate                |
| Sealing material:     | Thermoplastic elastomer      |
| Cover screw material: | Stainless steel 1.4567 (V2A) |

### Certificates

|            |   |
|------------|---|
| Test mark: | VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22))     |
| Test mark: | DLG (Ammonia resistance)                      |
| Test mark: | DNV (Class: Ships and Offshore Installations) |

## Accessories

[22701601 - KVR M16-MGM/sw - Cable gland](#)

[22702101 - KVR M20-GDB/MGM/sw - Cable gland](#)

[22702001 - KVR M20-MGM/sw - Cable gland](#)

[26001601 - DMS M16/sw - Double-membrane seals](#)

[26002001 - DMS M20/sw - Double-membrane seals](#)

[89601001 - MABF 65-1 - Mast/pipe fixing set](#)

[89602901 - KTB 1-100 - Cable tray fastening](#)

## Cable gland

