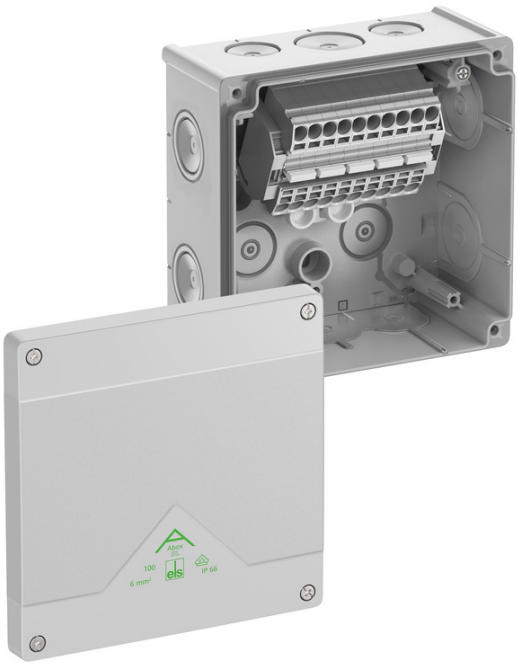
Junction box

# Abox SL-6²



## Abox SL-6²

**Junction box**

Productnumber: 80644001
Dimensions: 152 x 152 x 80 mm

Junction box, protection class IP66, nominal cross-section 6 mm², Ui=690 V AC, certified by VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), DLG (Ammonia resistance), self-sealing, soft insertion membranes, M20/M25/M32, sealing range 8 - 28 mm, (2 rear, 10 side), internal fixing points, with screwless terminals for standard indoor and protected outdoor installations

**grey, In=41 A, with raised screwless terminal block Wago 2006-1201, 5-pole, max. nominal cross-section in accordance with DIN EN 60998: 6 mm², clampable cross-sections per pole: 4 x 0.5 to 10 mm² rigid/flexible Cu**

# Technical Data

## electrical characteristics

| | |
|---|---|
| Rated insulation voltage AC: | 690 V |
| Rated insulation voltage DC: | 690 V |
| Min. conductor cross section: | 0,5 mm² |
| Max. conductor cross section: | 6 mm² |
| Protection class: | II |
| Type of protection: | IP66 |
| Rated current: | 41 A |
| Terminal type: | screwless |
| Number of poles: | 5 |

## Colours

| | |
|---|---|
| Base unit colour: | grey |
| Cover colour: | grey |

## Dimensions

| | |
|---|---|
| Width: | 152 mm |
| Length: | 152 mm |
| Height: | 80 mm |
| Inner length: | 139 mm |
| Inner width: | 140 mm |
| Inner height: | 64 mm |
| Weight: | 0.4513 kg |

## Material characteristics

| | |
|---|---|
| UV-resistant: | yes |
| Halogen free: | yes |
| Flammability class according with UL94: | HB |
| Glow-wire flammability: | 750 °C (EN 60695-2-11) |

## mechanical properties

| | |
|---|---|
| for sealing range min: | 8 mm |
| for sealing range max: | 28 mm |
| Impact strength: | IK07 |
| Sealable: | yes |
| Cover screw torque: | 1.2 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: | -25 °C |
| Max. ambient temperature: | 55 °C |
| 24h ambient temperature: | 35 °C |
| Installation location: | protected outdoor areas |

## Sales Information

| | |
|---|---|
| EAN: | 4013902660780 |
| ETIM Class: | EC002600 |
| Custom tariff number: | 85369095 |
| Minimum order quantity: | 1 |

## Material

| | |
|---|---|
| Base unit material: | Polypropylene |
| Cover material: | Polypropylene |
| Entry material: | Thermoplastic elastomer |
| 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) |

# Accessories

89600601 - Abox 100 KH 2006 6² - Terminal holder

22742101 - KVR M20-GDB/MGM - Cable gland

22742001 - KVR M20-MGM - Cable gland

22742501 - KVR M25-MGM - Cable gland

22743201 - KVR M32-MGM - Cable gland

26042001 - DMS M20 - Double-membrane seals

26042501 - DMS M25 - Double-membrane seals

26043201 - DMS M32 - Double-membrane seals

89602001 - MABF 100-1 - Mast/pipe fixing set

89602901 - KTB 1-100 - Cable tray fastening

## Cable gland

