Junction box

# Abox 025 AB-Pot




## Abox 025 AB-Pot

**Junction box**

Productnumber: 80442701
Dimensions: 87 x 87 x 52 mm

Junction box, protection class IP66, nominal cross-section 2.5 mm², certified by VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), DLG (Ammonia resistance), self-sealing, soft insertion membranes, M16/M20, sealing range 4 - 16 mm, (1 rear, 8 side), external fixing lugs, for standard indoor and protected outdoor installations

**grey, Ui=690 V AC, with 1 x PE terminal block 4² on standard rail 15mm**

IP66 | 2,5² | IK07 | 690V AC | 690V DC

# Technical Data

## electrical characteristics

| | |
|---|---|
| Rated insulation voltage AC: | 690 V |
| Rated insulation voltage DC: | 690 V |
| Max. conductor cross section: | 2,5 mm² |
| Protection class: | II |
| Type of protection: | IP66 |
| Terminal type: | none |

## Colours

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

## Dimensions

| | |
|---|---|
| Width: | 87 mm |
| Length: | 87 mm |
| Height: | 52 mm |
| Inner length: | 75 mm |
| Inner width: | 75 mm |
| Inner height: | 37 mm |
| Weight: | 0.127 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: | 4 mm |
| for sealing range max: | 16 mm |
| Impact strength: | IK07 |

## mechanical properties

| | |
|---|---|
| Sealable: | yes |
| Cover screw torque: | 1.2 Nm |
| Type of fastening: | Wall/ceiling mounting |
| Fastening: | external fixing lugs |

## 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: | 4013902661350 |
| 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

22741601 - KVR M16-MGM - Cable gland

22742001 - KVR M20-MGM - Cable gland

22742101 - KVR M20-GDB/MGM - Cable gland

26041601 - DMS M16 - Double-membrane seals

26042001 - DMS M20 - Double-membrane seals

89500101 - Abox PST 025-100 - Sealing kit

89520201 - Abox 025 TS15 - Standard rail

89600201 - Abox 025/040 KH 2273 2,5² - Terminal holder

89600301 - Abox 025/040 KH 221 4² - Terminal holder

89640401 - Abox 025/040 KLS-2,5²/4² - Terminal block

89601001 - MABF 65-1 - Mast/pipe fixing set

89602901 - KTB 1-100 - Cable tray fastening

## Cable gland

