Junction box

# Abox m 025 SB-L

**This product is outdated. To the successor product: https://www.spelsberg.co.uk/p/80270001**

## Abox m 025 SB-L

**Junction box**

CUSTOMIZABLE

Productnumber: 80770701
Dimensions: 82 x 82 x 52 mm

Junction box, protection class IP54/IP65, nominal cross-section 2.5 mm², Ui=690 V AC, certified by VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), knockouts, M20, (1 rear, 7 side), internal fixing points, for standard indoor installations

**grey, with red cover, without terminals, for identifying circuits for safety lighting**

**Accessories supplied:**
**4 Attachment bushes IP54 M20 sealing range 8 - 13,5 mm, 1 sealing plugs M20**

IP54 IP65 | 2,5² | IK07 | 690V AC

To industrial product:
https://www.spelsberg.co.uk/p/49670201

Created at 12.10.2024. All statements without guarantee. We reserve the right to make improvements to technical progress.
Günther Spelsberg GmbH + Co. KG
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# Technical Data

## electrical characteristics

| | |
|---|---|
| Rated insulation voltage AC: | 690 V |
| Max. conductor cross section: | 2,5 mm² |
| Protection class: | II |
| Type of protection: | IP54/IP65 |
| UL Type Rating: | not specified |

## Colours

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

## Dimensions

| | |
|---|---|
| Width: | 82 mm |
| Length: | 82 mm |
| Height: | 52 mm |
| Weight: | 0.1094 kg |

## 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 |

## 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 |

## Sales Information

| | |
|---|---|
| EAN: | 4013902559169 |
| Packing Unit Code: | C62 |
| ETIM Class: | EC002600 |
| Custom tariff number: | 85389099 |

## Material

| | |
|---|---|
| Base unit material: | Polystyrene |
| Cover material: | Polystyrene |
| Sealing material: | Thermoplastic elastomer |
| Cover screw material: | Stainless steel V2A |

## Certificates

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

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## Accessories

20342001 - WST M20 - Twist plug

21342001 - WNI M20 - Twist nipple

22742001 - KVR M20-MGM - Cable gland

22742101 - KVR M20-GDB/MGM - Cable gland

23042001 - AST M20 - Attachment bushes

23142001 - VST M20 - Sealing plugs

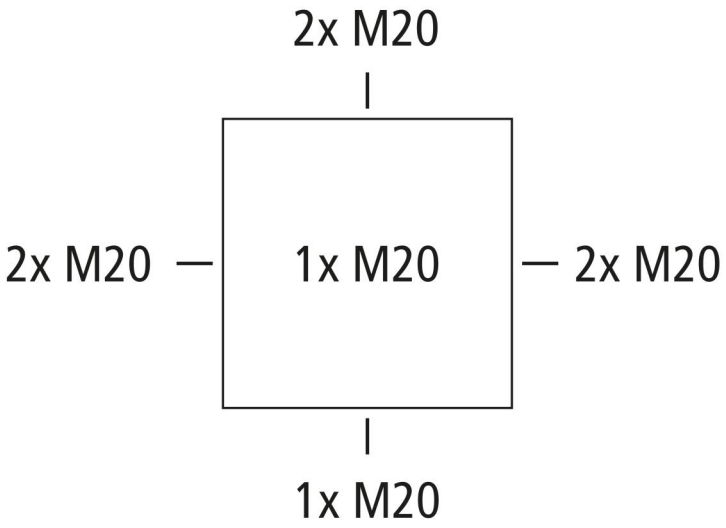
26202001 - BST M20/sw - Ventilation seal

26242001 - BST M20 - Ventilation seal

84000401 - Abox 025/040 KLS-2,5²/4² - Terminal block

89001001 - Abox PST - Sealing kit

**Cable gland**





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