

Junction box

Abox m 025-2,5²

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<https://www.spelsberg.co.uk/p/80242001>



Abox m 025-2,5²

Junction box

CUSTOMIZABLE

Productnumber: 80740701

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, In=24 A, with screw terminal, 5-pole - 2.5 mm² (4 x 1.5² / 4 x 2.5²)

Accessories supplied:

4 Attachment bushes IP54 M20 sealing range 8 - 13,5 mm, 1 sealing plugs M20



To industrial product:

<https://www.spelsberg.co.uk/p/49640201>

Technical Data

electrical characteristics

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

Colours

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

Dimensions

| | |
|---------|-------|
| Width: | 82 mm |
| Length: | 82 mm |
| Height: | 52 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 |
| Sealing material: | Thermoplastic elastomer |
| 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](#)

[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](#)

Cable gland

