Junction box

# Abox 025-2,5²




## Abox 025-2,5²

**Junction box**

CUSTOMIZABLE

Productnumber: 80240701
Dimensions: 80 x 80 x 52 mm

Junction box, with protection class IP65, Nominal cross-section 2.5 mm², Ui=690V AC, certified by VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), Self-sealing, flexible insertion membranes, M20, Sealing area 2 - 16 mm, (1 Rear, 7 Side), Internal fastening points, for standard indoor installations

**grey, with screw terminal, 5-pole - 2.5 mm² (4 x 1.5² / 4 x 2.5²)**

IP65 | 2,5² | IK07 | 690V AC

To industrial product:
https://www.spelsberg.com/p/49040201

# Technical Data

## electrical characteristics

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

## Colours

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

## Dimensions

| | |
|---|---|
| Width: | 80 mm |
| Length: | 80 mm |
| Height: | 52 mm |

## Material characteristics

| | |
|---|---|
| UV-resistant: | no |
| Industry quality: | no |
| Halogen free: | yes |
| Flammability class according with UL94: | HB |
| Glow-wire flammability according to EN 60695-2-11: | 650 °C |

## mechanical properties

| | |
|---|---|
| for sealing range min: | 2 mm |
| for sealing range max: | 16 mm |
| Type of fastening: | Wall/ceiling mounting |
| Impact strength: | IK07 |
| Sealable: | yes |

## mechanical properties

| | |
|---|---|
| Cover screw torque: | 1 Nm |

## 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 |
| Cover screw material: | Stainless steel V2A |

## Certificates

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

## Accessories

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

19202001 - KS M20 - Combi set

20342001 - WST M20 - Twist plug

21342001 - WNI M20 - Twist nipple

21642001 - SNI M20 - Stepped nipple

22742001 - KVR M20-MGM - Cable gland

22742101 - KVR M20-GDB/MGM - Cable gland

23042001 - AST M20 - Attachment bushes

23142001 - VST M20 - Sealing plugs

26012001 - DMS M20/w - Double-membrane seals

26042001 - DMS M20 - Double-membrane seals

26202001 - BST M20/sw - Ventilation seal

26242001 - BST M20 - Ventilation seal

28842001 - RST M20 - Conduit connector

89001001 - Abox PST - Sealing kit

## Cable gland

