

## Junction box

# Abox m 025 AB SB-L



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### Junction box

#### CUSTOMIZABLE

Productnumber: 80870701

Dimensions: 82 x 82 x 52 mm

Junction box acc. to DIN EN 60670 (VDE 0606),  
Ui=690V, with knock-outs, M20, with IP54  
attachment bushes, with blanking plug M20, seal  
range 8 - 13.5 mm, with external fixing lugs

**red cover, without terminal, with external  
fixing lugs, for identifying circuits for  
safety lighting**



To industrial product:

<https://www.spelsberg.com/p/49970201>

## Technical Data

### electrical characteristics

|                               |               |
|-------------------------------|---------------|
| Protection type UL:           | not specified |
| Rated insulation voltage AC:  | 690 V         |
| Type of protection:           | IP54/IP65     |
| Circuit integrity class:      | none          |
| Max. conductor cross section: | 2,5 mm²       |
| Protection class:             | II            |

### Colours

|               |     |
|---------------|-----|
| Cover colour: | red |
|---------------|-----|

### Dimensions

|         |       |
|---------|-------|
| Length: | 82 mm |
| Width:  | 82 mm |

## Dimensions

|         |       |
|---------|-------|
| Height: | 52 mm |
|---------|-------|

## Material characteristics

|                            |     |
|----------------------------|-----|
| suitable for exterior use: | no  |
| Halogen free:              | yes |
| Industry quality:          | no  |

## mechanical properties

|                     |                       |
|---------------------|-----------------------|
| Type of fastening:  | Wall/ceiling mounting |
| Sealable:           | yes                   |
| Cover screw torque: | 1 Nm                  |
| Impact strength:    | IK07                  |

## Ambient conditions

|                              |      |
|------------------------------|------|
| max. relative humidity 25°C: | 95 % |
| max. relative humidity 40°C: | 50 % |
| Min. ambient temperature:    | -25  |
| Max. ambient temperature:    | 40   |
| 24h ambient temperature:     | 35   |

## Material

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

## Certificates

|            |     |
|------------|-----|
| Test mark: | VDE |
|------------|-----|

## Accessories

WST M20 - Twist plug

WNI M20 - Twist nipple

KVR M20-MGM - Cable gland

KVR M20-GDB/MGM - Cable gland

AST M20 - Attachment bushes

VST M20 - Sealing plugs

DMS M20/w - M20, white

DMS M20 - Double-membrane seals

BST M20/sw - Ventilation seal

BST M20 - Ventilation seal

Abox 025/040 KLS-2,5<sup>2</sup>/4<sup>2</sup> - Terminal block

Abox PST - Sealing kit