

Junction Box

# Abox m 040 AB-L



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Junction Box

**CUSTOMIZABLE**

Productnumber: 81290701

Dimensions: 94 x 94 x 57 mm

Junction Box, with protection class IP54/IP65, Nominal cross-section 4 mm<sup>2</sup>, Ui=690V AC, certified according to VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), Push-out membranes, M20/M25, (1 Rear, 8 Side), External fastening points, for standard indoor installations

**grey, without terminals**

**Accessories supplied:**

**3 attachment bushes IP54 M20 sealing area 8 - 13.5 mm, 3 attachment bushes IP54 M25 sealing area 9 - 18.5 mm**



To industrial product:

<https://www.spelsberg.com/p/50390401>

## Technical Data

### electrical characteristics

|                               |                   |
|-------------------------------|-------------------|
| Rated insulation voltage AC:  | 690 V             |
| Max. conductor cross section: | 4 mm <sup>2</sup> |
| Protection class:             | II                |
| Type of protection:           | IP54/IP65         |
| UL Type Rating:               | not specified     |

### Colours

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

### Dimensions

|         |       |
|---------|-------|
| Width:  | 94 mm |
| Length: | 94 mm |
| Height: | 57 mm |

### Material characteristics

|  |        |
|--|--------|
| suitable for exterior use:                         | 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

|                     |                       |
|---------------------|-----------------------|
| Type of fastening:  | Wall/ceiling mounting |
| Impact strength:    | IK07                  |
| Sealable:           | yes                   |
| 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  |

### 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

[22742001 - KVR M20-MGM - Cable gland](#)

[22742101 - KVR M20-GDB/MGM - Cable gland](#)

[22742501 - KVR M25-MGM - Cable gland](#)

[23042001 - AST M20 - Attachment bushes](#)

[23042501 - AST M25 - Attachment bushes](#)

[26012001 - DMS M20/w - Double-membrane seals](#)

[26012501 - DMS M25/w - Double-membrane seals](#)

[26042001 - DMS M20 - Double-membrane seals](#)

[26042501 - DMS M25 - Double-membrane seals](#)

[84000401 - Abox 025/040 KLS-2,5<sup>2</sup>/4<sup>2</sup> - Terminal block](#)

[89001001 - Abox PST - Sealing kit](#)

## Cable gland

