

Junction box

## Abox m 040-4<sup>2</sup>

This product is outdated. To the successor product: <https://www.spelsberg.com/p/80442001>



### Abox m 040-4<sup>2</sup>

Junction box

CUSTOMIZABLE

Productnumber: 81140701

Dimensions: 94 x 94 x 57 mm

Junction box, protection class IP54/IP65, nominal cross-section 4 mm<sup>2</sup>, U<sub>i</sub>=690 V AC, certified by VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), knockouts, M20/M25, (1 rear, 8 side), internal fixing points, for standard indoor installations

grey, with screw terminal, 5-pole - 2.5/4 mm<sup>2</sup> (4 x 1.5<sup>2</sup> / 4 x 2.5<sup>2</sup> / 4 x 4<sup>2</sup>)

Accessories supplied:

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



To industrial product:

<https://www.spelsberg.com/p/50140401>

## 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

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

[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](#)

## Cable gland

