

Junction Box

# Abox 100-10<sup>2</sup>



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### Junction Box

**CUSTOMIZABLE**

Productnumber: 81041001  
Dimensions: 140 x 140 x 79 mm

Junction box acc. to DIN EN 60670 (VDE 0606),  
Ui=690V, with IP54 attachment bushes, M32,  
seal range 13 - 23 mm, with blanking plug M32

**Grey, with high-set screw terminal, 5-pole -  
10 mm<sup>2</sup> (4 x 4<sup>2</sup> / 4 x 6<sup>2</sup> / 4 x 10<sup>2</sup>)**



To industrial product:  
<https://www.spelsberg.com/p/49041001>

## 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:	10 mm <sup>2</sup>
Protection class:	II

### Colours

Base unit colour:	grey
Cover colour:	grey

### Dimensions

Width:	140 mm
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## Dimensions

Length:	140 mm
Height:	79 mm

## Material characteristics

suitable for exterior use:	no
Flammability class according with UL94:	HB
Glow-wire flammability according to EN 60695-2-11:	650 °C
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 °C
Max. ambient temperature:	40 °C
24h ambient temperature:	35 °C

## 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))
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## Accessories

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KS M20 - Combi set

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KS M25 - Combi set

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KS M25-gro - Combi set

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KS M32 - Combi set

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KST M25-17 - Combi connector

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KST M25-33 - Combi connector

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KST M32 - Combi connector

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NS 35-106 - Standard rail

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WST M20 - Twist plug

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WST M25 - Twist plug

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WST M32 - Twist plug

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WNI M20 - Twist nipple

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WNI M25 - Twist nipple

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WNI M32 - Twist nipple

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SNI M20 - Stepped nipple

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SNI M25 - Stepped nipple

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SNI M32 - Stepped nipple

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KVR M20-MGM - Cable gland

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KVR M20-GDB/MGM - Cable gland

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KVR M25-MGM - Cable gland

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KVR M32-MGM - Cable gland

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AST M20 - Attachment bushes

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AST M25 - Attachment bushes

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AST M32 - Attachment bushes

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VST M20 - Sealing plugs

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VST M25 - Sealing plugs

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VST M32 - Sealing plugs

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DMS M20/w - Double-membrane seals

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DMS M25/w - Double-membrane seals

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DMS M20 - Double-membrane seals

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DMS M25 - Double-membrane seals

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DMS M32 - Double-membrane seals

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DMS M32/4 - Double-membrane seals

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DMS M40 - Double-membrane seals

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BST M20/sw - Ventilation seal

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BST M20 - Ventilation seal

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RST M20 - Conduit connector

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Abox 100 KLS-10<sup>2</sup> - Terminal block

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Abox PST - Sealing kit

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Abox 100 MPI - Mounting plate

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