

Junction Box

Abox 100-10²



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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 mm² (4 x 4² / 4 x 6² / 4 x 10²)**



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 ²
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
Burning behaviour in accordance with UL 94:	HB
Burning behaviour in accordance with VDE:	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

KS M20 - Combi set

KS M25 - Combi set

KS M25-gro - Combi set

KS M32 - Combi set

KST M25-17 - Combi connector

KST M25-33 - Combi connector

KST M32 - Combi connector

NS 35-106 - Standard rail

WST M20 - Twist plug

WST M25 - Twist plug

WST M32 - Twist plug

WNI M20 - Twist nipple

WNI M25 - Twist nipple

WNI M32 - Twist nipple

SNI M20 - Stepped nipple

SNI M25 - Stepped nipple

SNI M32 - Stepped nipple

KVR M20-MGM - Cable gland

KVR M20-GDB/MGM - Cable gland

KVR M25-MGM - Cable gland

KVR M32-MGM - Cable gland

AST M20 - Attachment bushes

AST M25 - Attachment bushes

AST M32 - Attachment bushes

VST M20 - Sealing plugs

VST M25 - Sealing plugs

VST M32 - Sealing plugs

DMS M20/w - Double-membrane seals

DMS M25/w - Double-membrane seals

DMS M20 - Double-membrane seals

DMS M25 - Double-membrane seals

DMS M32 - Double-membrane seals

DMS M32/4 - Double-membrane seals

DMS M40 - Double-membrane seals

BST M20/sw - Ventilation seal

BST M20 - Ventilation seal

RST M20 - Conduit connector

Abox 100 KLS-10² - Terminal block

Abox PST - Sealing kit

Abox 100 MPI - Mounting plate
