els spelsberg

Junction box

Abox 060-6²

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Junction box

CUSTOMIZABLE

Productnumber: 80640701
Dimensions: 110 x 110 x 67 mm

Junction box, protection class IP54/IP65, nominal cross-section 6 mm², Ui=690 V AC, certified by VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), knockouts, M20/M25, (2 rear, 7 side), internal fixing points, for standard indoor installations

grey, with raised screw terminal, 5-pole - 6 mm² (4 x 2.5² / 4 x 4² / 3 x 6²)

Accessories supplied:
4 Attachment bushes IP54 M25 sealing range 9 - 18,5 mm, 1 sealing plugs M25

| IP54 IP65 | 6² | IK07 | ☐ | 690V AC | D E | halogen-free |

To industrial product: 49040601

Technical Data

electrical characteristics

Rated insulation voltage AC:	690 V
Max. conductor cross section:	6 mm²
Protection class:	II
Type of protection:	IP54/IP65
UL Type Rating:	not specified

Colours

Base unit colour:	grey
Cover colour:	grey

Dimensions

Width:	110 mm
Length:	110 mm
Height:	67 mm
Weight:	0.2226 kg

Material characteristics

UV-resistant:	no
Halogen free:	yes
Flammability class according with UL94:	HB
Glow-wire flammability:	650 °C (EN 60695-2-11)

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

Sales Information

EAN:	4013902110155
ETIM Class:	EC002600
Custom tariff number:	85369095
Minimum order quantity:	1

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))

Created at 19.03.2026. All statements without guarantee. We reserve the right to make improvements to technical progress.
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Accessories

19202001 - KS M20 - Combi set

19202501 - KS M25 - Combi set

19202601 - KS M25-gro - Combi set

19808101 - NS 35-81 - Standard rail

20342001 - WST M20 - Twist plug

20342501 - WST M25 - Twist plug

20842001 - GMU PA M20 - Lock nut

20842501 - GMU PA M25 - Lock nut

21342001 - WNI M20 - Twist nipple

21342501 - WNI M25 - Twist nipple

21642001 - SNI M20 - Stepped nipple

21642501 - SNI M25 - Stepped nipple

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

23142001 - VST M20 - Sealing plugs

23142501 - VST M25 - Sealing plugs

26002001 - DMS M20/sw - Double-membrane seals

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

26202001 - BST M20/sw - Ventilation seal

26242001 - BST M20 - Ventilation seal

28842001 - RST M20 - Conduit connector

28842501 - RST M25 - Conduit connector

84000601 - Abox 060 KLS-6² - Terminal block

89001001 - Abox PST - Sealing kit

89500601 - Abox 060 MPI - Mounting plate

Cable gland

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              2x M20/M25
                   |
              ┌─────────┐
2x M20/M25 ──│  2x M16  │── 2x M20/M25
              └─────────┘
                   |
               1x M20
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