Junction box

Abox 040-4²



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Junction box

CUSTOMIZABLE

Productnumber: 80440701
Dimensions: 93 x 93 x 55 mm

Junction box, with protection class IP65, Nominal cross-section 4 mm², Ui=690V AC, certified by VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), Self-sealing, flexible insertion membranes, M20, Sealing area 2 - 16 mm, (1 Rear, 7 Side), Internal fastening points, for standard indoor installations

grey, with screw terminal, 5-pole - 2.5/4 mm² (4 x 1.5² / 4 x 2.5² / 4 x 4²)

IP65 | 4² | IK07 | 690V AC

Technical Data

electrical characteristics

Rated insulation voltage AC:	690 V
Max. conductor cross section:	4 mm²
Protection class:	II
Type of protection:	IP65
UL Type Rating:	not specified

Colours

Base unit colour:	grey
Cover colour:	grey

Dimensions

Width:	93 mm
Length:	93 mm
Height:	55 mm

Material characteristics

UV-resistant:	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

for sealing range min:	2 mm
for sealing range max:	16 mm
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
Installation location:	Indoors

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))

Accessories

19202001 - KS M20 - Combi set

20342001 - WST M20 - Twist plug

20842001 - GMU PA M20 - Lock nut

21342001 - WNI M20 - Twist nipple

21642001 - SNI M20 - Stepped nipple

22702001 - KVR M20-MGM/sw - Cable gland

22702101 - KVR M20-GDB/MGM/sw - Cable gland

22742001 - KVR M20-MGM - Cable gland

22742101 - KVR M20-GDB/MGM - Cable gland

23042001 - AST M20 - Attachment bushes

23062001 - AST M20/or - Attachment bushes

23142001 - VST M20 - Sealing plugs

24742001 - KVR M20 - Cable gland

24742101 - KVR M20-GDB - Cable gland

24902001 - ADR M20 - Sealing ring

26002001 - DMS M20/sw - Double-membrane seals

26012001 - DMS M20/w - Double-membrane seals

26042001 - DMS M20 - Double-membrane seals

26202001 - BST M20/sw - Ventilation seal

26242001 - BST M20 - Ventilation seal

28842001 - RST M20 - Conduit connector

84000401 - Abox 025/040 KLS-2,5²/4² - Terminal block

89001001 - Abox PST - Sealing kit

Cable gland

