

Junction Box

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



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### Junction Box

**CUSTOMIZABLE**

Productnumber: 80440701  
Dimensions: 93 x 93 x 55 mm

Junction box acc. to DIN EN 60670 (VDE 0606),  
Ui=690V, with self-sealing, soft inlet membranes,  
M20, seal range 2 - 16 mm

**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> / 3 x 4<sup>2</sup>)**

IP65

4<sup>2</sup>

IK07



690V  
AC



## Technical Data

### electrical characteristics

Protection type UL:	not specified
Rated insulation voltage AC:	690 V
Type of protection:	IP65
Circuit integrity class:	none
Max. conductor cross section:	4 mm <sup>2</sup>
Protection class:	II

### Colours

Base unit colour:	grey
Cover colour:	grey

### Dimensions

Width:	93 mm
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## Dimensions

Length:	93 mm
Height:	55 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

for sealing range max:	16 mm
Type of fastening:	Wall/ceiling mounting
Sealable:	yes
Cover screw torque:	1 Nm
for sealing range min:	2 mm
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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WST M20 - Twist plug

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GMU PA M20 - Lock nut

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WNI M20 - Twist nipple

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SNI M20 - Stepped nipple

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KVR M20-MGM/sw - Cable gland

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KVR M20-GDB/MGM/sw - Cable gland

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KVR M20-MGM - Cable gland

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KVR M20-GDB/MGM - Cable gland

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AST M20 - Attachment bushes

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AST M20/or - Attachment bushes

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VST M20 - Sealing plugs

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KVR M20 - Cable gland

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KVR M20-GDB - Cable gland

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ADR M20 - Sealing ring

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DMS M20/sw - Double-membrane seals

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DMS M20/w - Double-membrane seals

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DMS M20 - 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 025/040 KLS-2,5<sup>2</sup>/4<sup>2</sup> - Terminal block

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Abox PST - Sealing kit

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