



JUNCTION BOX

# Abox 160-16<sup>2</sup>

## Abox 160-16<sup>2</sup>

### Junction box

#### CUSTOMIZE

180 x 180 x 91 mm  
Article number: 81641001

Junction box acc. to DIN EN 60670 (VDE 0606), U<sub>i</sub>=690V, with IP54 attachment bushes, M40, seal range 17 - 30 mm, with blanking plug M40, with sealing kit

Grey, with high-set screw terminal, 5-pole - 16 mm<sup>2</sup> (4 x 6<sup>2</sup> / 4 x 10<sup>2</sup> / 4 x 16<sup>2</sup>)



## Technical data

### Measures

Width:	180 mm
Length:	180 mm
Height:	91 mm

### Material:

Cover:	polystyrene
Box:	polystyrene
material:	polystyrene
Cover screw:	stainless steel V2A

## Certificates



## Accessory

DMS M20/w - M20, white

DMS M25/w - {M 25, weiss}

Abox 160 KLS-16<sup>2</sup> - Terminal block

KS M25-gro - Combi set

KST M25-33 - Combi connector

KST M25-17 - Combi connector

DMS M40 - Double-membrane seals

BST M20/sw - Ventilation seal

Abox 160 MPI - Mounting plate

AST M25 - Attachment bushes

AST M32 - Attachment bushes

AST M40 - Attachment bushes

BST M20 - Ventilation seal



JUNCTION BOX

# Abox 160-16<sup>2</sup>

## Other attributes

Entries:	12
Rated cross section:	16 mm <sup>2</sup>
Tackable:	No
Rated insulation voltage AC:	690 V
Explosion safety:	none
Functional integrity:	none
sealable:	No
Heavy metals-free:	Yes
PVC-free:	Yes
Silicone-free:	Yes
Ingress protection:	IP65 - acc. to EN 60529 / DIN VDE 0470-1
weatherproof:	No
Combustion behaviour acc. to UL 94:	HB acc. UL94
Combustion behaviour acc. to VDE:	650°C acc. VDE 0471/ EN 60695
Cover screw torque:	1 N m

DMS M20 - Double-membrane seals

DMS M25 - Double-membrane seals

DMS M32 - Double-membrane seals

## Environmental attributes

Ambient temperature (min.):	-25 °C
Ambient temperature (max.):	40 °C
Ambient temperature (24 h):	35 °C
Max. rel. humidity at 25° C (short term):	95%
Max. rel. humidity at 40° C:	50%