Junction box

Abox Pro 160-L/sw EasyPrint



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Junction box

Productnumber: 416000EP
Dimensions: 182 x 182 x 90 mm

Junction box, with individual printing, configurable via spelsberg.com/easyprint, protection class IP66/IP67/IP69, nominal cross-section 16 mm², certified by VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), DLG (Ammonia resistance), DNV (Class: Ships and Offshore Installations), knockouts, M20/M32/M40, (2 rear, 10 side), internal fixing points, for installation in industrial environments and unprotected outdoor areas

black, Ui=1000 V AC, without terminals

Accessories supplied:
4 double membrane seals IP66 M40 sealing range 17 - 28 mm, cover retainer

IP66 IP67 IP69 | 16² | IK09 | 1000V AC | 1000V DC | halogen-free

Technical Data

electrical characteristics

Rated insulation voltage AC:	1000 V
Rated insulation voltage DC:	1000 V
Max. conductor cross section:	16 mm²
Protection class:	II
Type of protection:	IP66/IP67/IP69
Terminal type:	none

Colours

Base unit colour:	black
Cover colour:	black

Dimensions

Width:	182 mm
Length:	182 mm
Height:	90 mm
Inner length:	167 mm
Inner width:	167 mm
Inner height:	69 mm
Weight:	0.6231 kg

Material characteristics

UV-resistant:	yes
Halogen free:	yes
Flammability class according with UL94:	V0
Glow-wire flammability:	960 °C (EN 60695-2-11)

Max. number of terminals per cross section acc. to DIN VDE 0606-1

max. amount of terminals at 2,5²:	15
max. amount of terminals at 4²:	12

Max. number of terminals per cross section acc. to DIN VDE 0606-1

max. amount of terminals at 6²:	8
max. amount of terminals at 10²:	6
max. amount of terminals at 16²:	5

Max. number of wires per cross section acc. to DIN VDE 0606-1

max. amount of wires at 2,5²:	45
max. amount of wires at 4²:	36
max. amount of wires at 10²:	24
max. amount of wires at 6²:	20
max. amount of wires at 16²:	15

mechanical properties

Impact strength:	IK09
Sealable:	yes
Cover screw torque:	1.5 Nm
Type of fastening:	Wall/ceiling mounting
Fastening:	internal fixing points

Ambient conditions

max. relative humidity 25°C:	95 %
max. relative humidity 40°C:	50 %
Min. ambient temperature:	-35 °C
Max. ambient temperature:	80 °C
24h ambient temperature:	60 °C
Installation location:	unprotected outdoor areas

Sales Information

EAN:	4013902698844
ETIM Class:	EC002600
Custom tariff number:	85389099
Minimum order quantity:	20

Material

Base unit material:	Polycarbonate, glass-fibre reinforced
Cover material:	Polycarbonate
Sealing material:	Thermoplastic elastomer
Cover screw material:	Stainless steel 1.4567 (V2A)

Certificates

Test mark:	VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22))
Test mark:	DLG (Ammonia resistance)
Test mark:	DNV (Class: Ships and Offshore Installations)

Cable gland

