Junction box

Abox 160-16² EasyPrint



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Junction box

Productnumber: 816420EP
Dimensions: 182 x 182 x 90 mm

Junction box, with individual printing, configurable via spelsberg.com/easyprint, protection class IP55/IP66, nominal cross-section 16 mm², certified by VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), DLG (Ammonia resistance), knockouts, M20/M32/M40, (2 rear, 10 side), internal fixing points, for standard indoor and protected outdoor installations

grey, Ui=690 V AC, In=76 A, with raised screw terminal block, 5-pole- 16 mm², clampable cross-sections per pole: 12 x 4 mm², 8 x 6 mm², 4 x 10 mm², 4 x 16 mm² rigid Cu/flexible with wire-end ferrule

Accessories supplied:
4 attachment bushes IP55 M40 sealing range 17 - 30 mm, 1 sealing plug IP55 M40, cover retainer

IP55 IP66 | 16² | IK07 | 690V AC | 690V DC

Created at 04.06.2026. All statements without guarantee. We reserve the right to make improvements to technical progress.
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Technical Data

electrical characteristics

Rated insulation voltage AC:	690 V
Rated insulation voltage DC:	690 V
Min. conductor cross section:	4 mm²
Max. conductor cross section:	16 mm²
Protection class:	II
Type of protection:	IP55/IP66
Rated current:	76 A
Terminal type:	Screw terminal
Number of poles:	5

Colours

Base unit colour:	grey
Cover colour:	grey

Dimensions

Width:	182 mm
Length:	182 mm
Height:	90 mm
Inner length:	167 mm
Inner width:	167 mm
Inner height:	69 mm
Weight:	0.829 kg

Material characteristics

UV-resistant:	yes
Halogen free:	yes
Flammability class according with UL94:	HB
Glow-wire flammability:	750 °C (EN 60695-2-11)

mechanical properties

Impact strength:	IK07
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:	-25 °C
Max. ambient temperature:	55 °C
24h ambient temperature:	35 °C
Installation location:	protected outdoor areas

Sales Information

EAN:	4013902698325
ETIM Class:	EC002600
Custom tariff number:	85369095
Minimum order quantity:	20

Material

Base unit material:	Polycarbonate
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)

Cable gland

