

Junction box

Abox Pro 250-25²/sw



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Junction box

Productnumber: 42502001

Dimensions: 252 x 202 x 120 mm

Junction box, protection class IP66/IP67/IP69, nominal cross-section 25 mm², certified by VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), DLG (Ammonia resistance), DNV (Class: Ships and Offshore Installations), knockouts, M20/M25/M40/M50, (4 rear, 10 side), internal fixing points, for installation in industrial environments and unprotected outdoor areas

black, U_i=690 V AC, I_n=101 A, with raised screw terminal block, 5-pole - 25 mm², clampable cross-sections per pole: 12 x 10 mm², 8 x 16 mm², 4 x 25 mm² Cu rigid/flexible with wire-end ferrule

Accessories supplied:

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



Technical Data

electrical characteristics

Rated insulation voltage AC:	690 V
Rated insulation voltage DC:	690 V
Min. conductor cross section:	10 mm ²
Max. conductor cross section:	25 mm ²
Protection class:	II
Type of protection:	IP66/IP67/IP69
Rated current:	101 A
Terminal type:	Screw terminal
Number of poles:	5

Colours

Base unit colour:	black
Cover colour:	black

Dimensions

Width:	252 mm
Length:	202 mm
Height:	120 mm
Inner length:	186 mm
Inner width:	236 mm
Inner height:	99 mm
Weight:	1.3041 kg

Material characteristics

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

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:	4013902663545
Packing Unit Code:	C62
ETIM Class:	EC002600
Custom tariff number:	85369095

Material

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

Accessories

[22702001 - KVR M20-MGM/sw - Cable gland](#)

[22702101 - KVR M20-GDB/MGM/sw - Cable gland](#)

[22702501 - KVR M25-MGM/sw - Cable gland](#)

[22703201 - KVR M32-MGM/sw - Cable gland](#)

[22704001 - KVR M40-MGM/sw - Cable gland](#)

[26002001 - DMS M20/sw - Double-membrane seals](#)

[26002501 - DMS M25/sw - Double-membrane seals](#)

[26003201 - DMS M32/sw - Double-membrane seals](#)

[26004001 - DMS M40/sw - Double-membrane seals](#)

[89512501 - Abox MPI 250 - Mounting plate](#)

[89531601 - Abox 160/250 NS35 - Standard rail](#)

[89533501 - Abox 250/350 NS35 - Standard rail](#)

[89600601 - Abox 100 KH 2006 6² - Terminal holder](#)

[89643501 - Abox 250/350 KLS-25²/35² - Terminal block](#)

[89603101 - MABF 150-2 - Mast/pipe fixing set](#)

[89604001 - MABF 215-1 - Mast/pipe fixing set](#)

Cable gland

