

Small distributions boards

AK 28+EMOBIL 11kW-ÜSS-Z



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Small distributions boards

CUSTOMIZABLE

Productnumber: 73302301

Dimensions: 315 x 600 x 155 mm

Small distributions boards, protection class IP65, type-tested to EN 61439-3, prewired ready for connection to input and output terminals 10 mm²

for an 11 kW wallbox with integrated 6mA DC monitoring equipped with:

- 1 x Miniature circuit breaker C 16 A, 3p
- 1 x Residual Current Circuit Breaker (RCCB), 40/0.03A, 4-pole, type A
- 1 x Surge protection device (SPD) Type 1 + Type 2 for TN-S systems, energy-coordinated protection effect with terminal equipment Type 1 + type 2 + type 3
- 1 x Energy meter for use in 3 or 4 wire systems, max. 65A, MID approved, RS-485 communication over Modbus RTU or EQ Bus

Accessories supplied:

Double membrane seals: 2x M16, 10x M20, 4x M25, 2x M32, 2x M40, cable glands: 1x M20, 2x M40, sealing plugs, cover and labelling strips



Technical Data

Built-in devices

Residual Current Circuit Breaker (RCCB), 40/0.03A, 4-pole, type A:	1
Miniature circuit breaker C 16 A, 3p:	1
Surge protection device (SPD) Type 1 + Type 2 for TN-S systems, energy-coordinated protection effect with terminal equipment Type 1 + type 2 + type 3:	1

electrical characteristics

Rated operating voltage AC:	400 V
Rated insulation voltage AC:	400 V
Protection class:	II
Type of protection:	IP65
vented:	yes
Number of rows:	3

Colours

Base unit colour:	grey
Cover colour:	grey

Dimensions

Width:	315 mm
Length:	600 mm
Height:	155 mm
Inner length:	580 mm
Inner width:	295 mm
Inner height:	123 mm
Weight:	6.455 kg

Material characteristics

Halogen free:	yes
Flammability class according with UL94:	V2

Material characteristics

Glow-wire flammability:	960 °C (EN 60695-2-11)
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mechanical properties

Type of fastening:	Wall mounting
Impact strength:	IK08
Flange variant:	yes

Ambient conditions

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

Sales Information

EAN:	4013902679300
ETIM Class:	EC002288
Custom tariff number:	85369095
Minimum order quantity:	1

Material

Base unit material:	Polycarbonate
Cover material:	Polycarbonate
Entry material:	Thermoplastic elastomer
Sealing material:	Polyurethane
Cover screw material:	Polyamide, glass-fibre reinforced
Hinged window material:	Polycarbonate

Certificates

Test mark:	DLG (Ammonia resistance)
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Accessories

[73380701 - AK3 OT 28 Plus - Upper part](#)

[73380101 - AK3 KF - Hinged window](#)