AK-F 42 UL



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Small distributions boards

CUSTOMIZABLE

Productnumber: 73354252
Dimensions: 315 x 600 x 155 mm

Small distributions boards, protection class IP65, UL Type Rating 3R, 12/12K, Flange type, with integrated ventilation elements for reducing the formation of condensation, rated operational voltage: 400V AC, rated insulation voltage: 1000V AC, 1500V DC, certified by VDE (DIN EN 60670-1/-24 (VDE 0606-1/-24)), UL (UL 50 & CSA 22.2 No. 94.1-07, UL 50E & CSA C22.2 No. 94.2-07), UL-EU (EN 62208), UL-EU (EN 61439-1/-2), UL-EU (EN 61439-1/-3), UL-EU (EN 61439-1 & EN IEC 61439-7), DLG (Ammonia resistance), open top/bottom sides for the use with various flanges or for the combination of several AK-F distributors via combination flange, for installations in the industrial environment and protected outside areas

3-row, 42 available modules, without PE/N terminal

IP65 | IR | IK08 | 400V AC

Reliable - The high protection class (IP65) and the robust, halogen-free design ensure reliable operation even in a tough industrial environment.

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 operating voltage AC:	400 V
Rated insulation voltage AC:	1000 V
Rated insulation voltage DC:	1500 V
Protection class:	II
Type of protection:	IP65
vented:	yes
Number of modules per row:	42
with additional installation space:	no
UL Type Rating:	3R, 12/12K

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:	106 mm
Weight:	3.84 kg

Material characteristics

UV-resistant:	yes
Halogen free:	yes
Flammability class according with UL94:	V2
Glow-wire flammability:	960 °C (EN 60695-2-11)

mechanical properties

Type of fastening:	Surface mounting
Impact strength:	IK08
Sealable:	yes
Cover screw torque:	1.2 Nm
Flange variant:	yes
Stackable:	yes

Ambient conditions

max. relative humidity 25°C:	90 %
max. relative humidity 40°C:	50 %
Min. ambient temperature:	-35 °C
Max. ambient temperature:	80 °C
24h ambient temperature:	60 °C
Installation location:	protected outdoor areas

Sales Information

EAN:	4013902575398
ETIM Class:	EC000214
Custom tariff number:	85369095
Minimum order quantity:	1

Material

Base unit material:	Polycarbonate, glass-fibre reinforced
Cover material:	Polycarbonate
Entry material:	not relevant
Sealing material:	Polyurethane
Cover screw material:	Polyamide, glass-fibre reinforced
Hinged window material:	Polycarbonate

Certificates

Test mark:	VDE (DIN EN 60670-1/-24 (VDE 0606-1/-24))
Test mark:	UL (UL 50 & CSA 22.2 No. 94.1-07, UL 50E & CSA C22.2 No. 94.2-07)
Test mark:	UL-EU (EN 62208)
Test mark:	UL-EU (EN 61439-1/-2)
Test mark:	UL-EU (EN 61439-1/-3)
Test mark:	UL-EU (EN 61439-1 & EN IEC 61439-7)
Test mark:	DLG (Ammonia resistance)

Accessories

73382001 - AK3 FL00 - Flange for AK-F

73382101 - AK3 FL01 - Flange for AK-F

73382201 - AK3 FL02 - Flange for AK-F

73382901 - AK3 KFL - Flange for AK-F

79901252 - AK AS UL - Masking off strips

70610201 - AK SGA-1 - Lock fittings

70690201 - AK SGA-2 - Lock fittings

73383001 - AK3 KS M50 - Combination cable gland

73383301 - AK3 ABL-ES - External fixing lugs