

Small distributions boards

# AK 28 UL



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### Small distributions boards

#### CUSTOMIZABLE

Productnumber: 73342852  
Dimensions: 315 x 450 x 155 mm

Small distributions boards, protection class IP65, UL Type Rating 3R, 12/12K, 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), DLG (Ammonia resistance), metric knockouts on top and bottom for universal cable insertions with cable glands and/or double membrane seals, 10 open entries on top for UL-compliant cable insertion, for installations in the industrial environment and protected outside areas

**2-row, 28 available modules, without PE/N terminal**



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

## 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:	28
with N terminal:	no
with PE terminal:	no
UL Type Rating:	3R, 12/12K

### Colours

Base unit colour:	grey
Cover colour:	grey

### Dimensions

Width:	315 mm
Length:	450 mm
Height:	155 mm
Inner length:	430 mm
Inner width:	295 mm
Inner height:	106 mm
Weight:	2.948 kg

### Material characteristics

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

## mechanical properties

Type of fastening:	Surface mounting
Impact strength:	IK08
Sealable:	yes
Cover screw torque:	1.2 Nm
Flange variant:	no
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:	4013902575510
Packing Unit Code:	CT
ETIM Class:	EC000214
Custom tariff number:	85369095

## 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

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

[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](#)