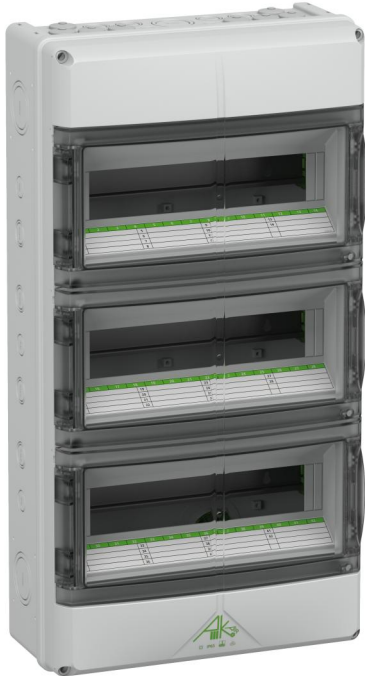


Small-scale distributors

# AK 42



## AK 42

### Small-scale distributors

#### CUSTOMIZABLE

Productnumber: 73344201  
 Dimensions: 315 x 600 x 155 mm

Small-scale distributors, with protection class IP65, 3 Rows, 42 available modules, 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-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), metric knockouts on top and bottom for universal cable insertions with cable glands and/or double membrane seals, elastic entries double membrane seals M20 on top

**with screwless PE/N terminal rail, with respectively 6 screwable terminal points, 2.5 - 16 mm<sup>2</sup> and 21 / 2x14 screwless terminal points, 1.5 - 4 mm<sup>2</sup>**

#### Accessories supplied:

**Double-membrane seals: 2x M16, 10x M20, 4x M25, 2x M32, 2x M40, sealing plugs, masking and labelling strips**



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 N-potentials:	2
Number of rows:	3
Number of modules:	42
Number of modules per row:	14
with N terminal:	yes
with PE terminal:	yes

### 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

### Material characteristics

UV-resistant:	yes
Industry quality:	yes
Halogen free:	yes
Flammability class according with UL94:	V2

### Material characteristics

Glow-wire flammability according to EN 60695-2-11:	850 °C
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### mechanical properties

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

### Material

Base unit material:	Polycarbonate
Cover material:	Polycarbonate
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-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

[19302601 - KST M25-33 - Combi connector](#)

[70610201 - AK SGA-1 - Lock fittings](#)

[70690201 - AK SGA-2 - Lock fittings](#)

[73381201 - AK3 NS35-14 - Standard rail](#)

[73381301 - AK3 NS35-275 - Standard rail](#)

[73383001 - AK3 KS M50 - Combination cable gland](#)

[73383101 - AK3 KBL - Cable cover](#)

[73383201 - AK3 TW - Partition wall](#)

[73383301 - AK3 ABL-ES - External fixing lugs](#)

[73383401 - AK3 STD - Mounting socket](#)

[79901201 - AK AS - Masking off strips](#)

[79901301 - AK AS-v - Masking off strips](#)

[79032101 - KLS N 1/14-SL - Plug clamps](#)

[79032201 - KLS PE 1/14-SL - Plug clamps](#)

## Cable gland

