

Small-scale distributors

AK-F 42 Plus



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Small-scale distributors

CUSTOMIZABLE

Productnumber: 73374201

Dimensions: 315 x 750 x 155 mm

Small-scale distributors, with protection class IP65, 3 Rows, 42 available modules, 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 according to VDE (DIN EN 60670-1/-24 (VDE 0606-1/-24)), DLG (Ammonia resistance), 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), open top/bottom sides for the use with various flanges or for the combination of several AK-F distributors via combination flange

with extra connection space, with 35 mm standard rail, without PE/N terminal rail

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 rows:	3
Number of modules:	42
Number of modules per row:	14

Colours

Base unit colour:	grey
Cover colour:	grey

Dimensions

Width:	315 mm
Length:	750 mm
Height:	155 mm
Inner length:	730 mm
Inner width:	295 mm
Inner height:	101 mm

Material characteristics

suitable for exterior use:	yes
Industry quality:	yes
Halogen free:	yes
Flammability class according with UL94:	V2
Glow-wire flammability according to EN 60695-2-11:	850 °C

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

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:	DLG (Ammonia resistance)
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)

Accessories

[73382001 - AK3 FL00 - Flange for AK-F](#)

[73382101 - AK3 FL01 - Flange for AK-F](#)

[73382201 - AK3 FL02 - Flange for AK-F](#)

[73382801 - AK3 FL13 - Flange for AK-F](#)

[73382901 - AK3 KFL - Flange for AK-F](#)

[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](#)

[79031701 - AK 14 PEN-SL - Terminal rails](#)

[79031801 - AK N-SL - Terminal rails](#)

[79032701 - AK 28 PEN-SL - Terminal rails](#)

[79080501 - KLS PE 35 - Terminal block](#)

[79090501 - KLS N 35 - Terminal block](#)

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

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

Cable gland

