Small distributions boards

AK-F 42 Plus NT



AK-F 42 Plus NT

Small distributions boards

Productnumber: 73374211
Dimensions: 315 x 750 x 155 mm

Small distributions boards, 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 by 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

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

Accessories supplied:
WAGO TOPJOB® S terminal blocks with push-in connections for mounting in additional terminal compartment, 1x power supply 76A, 5-pole L1 / L2 / L3 / N / PE, 3-wire terminals, connectable conductors 0.5 - 16 mm², 2x output terminal block prefabricated with isolating neutral terminals for: 1x three-phase outgoing line, via installation tier terminals NT / L1 / L2 / L3 / PE connectable conductors 0.5 - 6 mm² 9x AC outgoing line via installation tier terminals NT / L / PE conductors 0.5 - 4 mm², double membrane seals: 2x M16, 10x M20, 4x M25, 2x M32, 2x M40, sealing plugs, cover 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
with additional installation space:	yes

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
Weight:	6.314 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:	4013902615889
ETIM Class:	EC000214
Custom tariff number:	85369095
Minimum order quantity:	1

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:	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

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

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

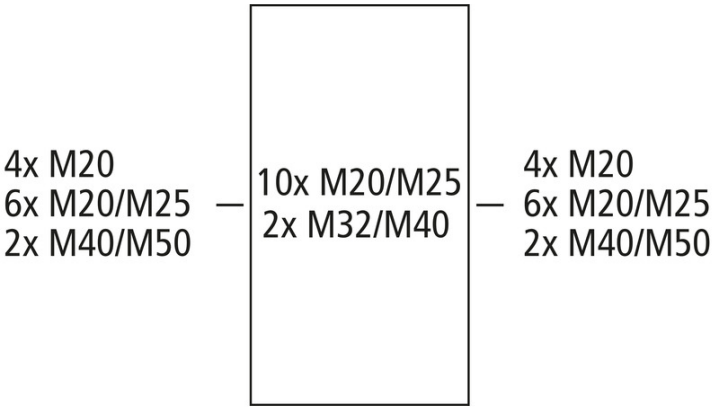
79901201 - AK AS - Masking off strips

79901301 - AK AS-v - Masking off strips

73380801 - AK3 OT 42 Plus - Upper part

73380101 - AK3 KF - Hinged window

Cable gland


4x M20
6x M20/M25
2x M40/M50
10x M20/M25
2x M32/M40
4x M20
6x M20/M25
2x M40/M50