Small distributions boards

AK 42 Plus



AK 42 Plus

Small distributions boards

CUSTOMIZABLE

Productnumber: 73364201
Dimensions: 315 x 750 x 155 mm

Small distributions boards, 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, pre-mounted with double membrane seals M20 at the top, 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:
Double-membrane seals: 2x M16, 10x M20, 4x M25, 2x M32, 2x M40, sealing plugs, masking and labelling strips

IP65 · IR · 42 · IK08 · 400V AC

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:	4.916 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:	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:	4013902496884
ETIM Class:	EC000214
Custom tariff number:	85389099
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:	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

73385001 - AK3 3/14 PE - Terminal rails

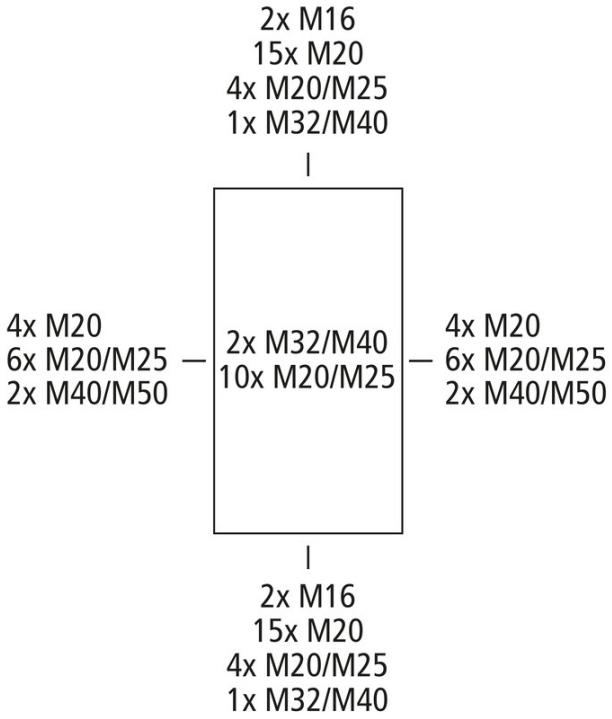
73385101 - AK3 6/21 PE - Terminal rails

73385201 - AK3 1/6/1 N - N-Module-Set

73380801 - AK3 OT 42 Plus - Upper part

73380101 - AK3 KF - Hinged window

Cable gland


2x M16
15x M20
4x M20/M25
1x M32/M40
4x M20
6x M20/M25
2x M40/M50
2x M32/M40
10x M20/M25
4x M20
6x M20/M25
2x M40/M50
2x M16
15x M20
4x M20/M25
1x M32/M40