

Small distributions boards

AK 24



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Small distributions boards

Productnumber: 73442401
Dimensions: 290 x 407 x 124 mm

Small distributions boards, protection class IP65, 2 rows, 24 available modules, rated operational voltage: 400V AC, rated insulation voltage: 1000V AC, 1500V DC, above self-sealing, soft insertion membranes for tool-free cable insertion, below metric knockouts for universal cable insertions with cable glands and/or double membrane seals, for standard installations indoors

PE/N terminal block, consisting of: PE terminal block with 3 screw terminals 2.5-16 mm² and 14 push-in terminals 0.75-4 mm², 2 N-modules (connected with jumper) each with 2 screw terminals 2.5-16 mm² and 6 push-in terminals 0.75-4 mm² with operating lever for toolless releasing of the conductors

Accessories supplied:
Sealing plugs, cover and labelling strips



- Self-sealing, soft insertion membranes on one end of the box
- Metric knockouts for cable glands or double membrane sockets on the other end of the box
- Box can be rotated 180°
- DIN rails can be mounted without tools
- Fixtures for 3- and 5-pole 6 mm² WAGO terminal 221 in the box base

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:	no
Number of rows:	2
Number of modules:	24
Number of modules per row:	12
Rated current:	125 A
Terminal type:	screwless
with N terminal:	yes
with PE terminal:	yes
with additional installation space:	no

Colours

Base unit colour:	grey
Cover colour:	grey
Hinged window colour:	Transparent

Dimensions

Width:	290 mm
Length:	407 mm
Height:	124 mm
Inner length:	380 mm
Inner width:	268 mm
Inner height:	85 mm
Weight:	1.96 kg

Material characteristics

UV-resistant:	no
Halogen free:	yes
Flammability class according with UL94:	HB
Glow-wire flammability:	650 °C (EN 60695-2-11)

mechanical properties

Type of fastening:	Surface mounting
Impact strength:	IK08
Sealable:	yes
Flange variant:	no
Stackable:	yes

Ambient conditions

max. relative humidity 25°C:	95 %
max. relative humidity 40°C:	57 %
Min. ambient temperature:	-25 °C
Max. ambient temperature:	40 °C
24h ambient temperature:	35 °C
Installation location:	Indoors

Sales Information

EAN:	4013902704729
ETIM Class:	EC000214
Custom tariff number:	85369095
Minimum order quantity:	1

Material

Base unit material:	Polystyrene
Cover material:	Polypropylene
Entry material:	Thermoplastic elastomer
Sealing material:	Polyurethane
Cover screw material:	Polyamide, glass-fibre reinforced
Hinged window material:	Polycarbonate

Accessories

[73485101 - AK 6/21 PE - Terminal rails](#)

[73485001 - AK 3/14 PE - Terminal rails](#)

[73481501 - AK STD - Mounting socket](#)

[73481201 - AK SV 24/36 - quick closing](#)

[73481301 - AK NS 24/36 - Standard rail](#)

[73481401 - AK KS 24/36 - Combi connector](#)

[73480501 - AK KF 24/36 - Hinged window](#)

[73481001 - AK 24 OT - Upper part](#)

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

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