Small distributions boards

# AK-F 14 UL



## AK-F 14 UL

**Small distributions boards**

CUSTOMIZABLE

Productnumber: 73351452
Dimensions: 315 x 300 x 155 mm

Small distributions boards, protection class IP65, UL Type Rating 3R, 12/12K, 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 VDE (DIN EN 60670-1/-24 (VDE 0606-1/-24)), UL (UL 50 & CSA 22.2 No. 94.1-07, UL 50E & CSA C22.2 No. 94.2-07), 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), 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

**1-row, 14 available modules, without PE/N terminal**

IP65 IR 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 modules per row: | 14 |
| with additional installation space: | no |
| UL Type Rating: | 3R, 12/12K |

## Colours

| | |
|---|---|
| Base unit colour: | grey |
| Cover colour: | grey |

## Dimensions

| | |
|---|---|
| Width: | 315 mm |
| Length: | 300 mm |
| Height: | 155 mm |
| Inner length: | 280 mm |
| Inner width: | 295 mm |
| Inner height: | 106 mm |
| Weight: | 1.887 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: | 4013902575435 |
| ETIM Class: | EC000214 |
| Custom tariff number: | 85369095 |
| Minimum order quantity: | 1 |

## Material

| | |
|---|---|
| Base unit material: | Polycarbonate, glass-fibre reinforced |
| Cover material: | Polycarbonate |
| Entry material: | not relevant |
| 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 (UL 50 & CSA 22.2 No. 94.1-07, UL 50E & CSA C22.2 No. 94.2-07) |
| 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

73382001 - AK3 FL00 - Flange for AK-F

73382101 - AK3 FL01 - Flange for AK-F

73382201 - AK3 FL02 - Flange for AK-F

73382901 - AK3 KFL - Flange for AK-F

79901252 - AK AS UL - Masking off strips

70610201 - AK SGA-1 - Lock fittings

70690201 - AK SGA-2 - Lock fittings

73383001 - AK3 KS M50 - Combination cable gland

73383301 - AK3 ABL-ES - External fixing lugs