

## Small-scale distributors

# AK 70



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### Small-scale distributors

#### CUSTOMIZABLE

Productnumber: 73347001

Dimensions: 315 x 1050 x 155 mm

Small-scale distributors, with protection class IP65, 5 Rows, 70 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 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), metric knockouts on top and bottom for universal cable insertions with cable glands and/or double membrane seals, elastic entries double membrane seals M20 on top

**with screwless PE/N terminal rail, with respectively 6 screwable terminal points, 2.5 - 16 mm<sup>2</sup> and 21 / 2x14 screwless terminal points, 1.5 - 4 mm<sup>2</sup>**



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 N-potentials:      | 2      |

### electrical characteristics

|                            |     |
|----------------------------|-----|
| Number of rows:            | 5   |
| Number of modules:         | 70  |
| Number of modules per row: | 14  |
| with N terminal:           | yes |
| with PE terminal:          | yes |

## Colours

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

## Dimensions

|               |         |
|---------------|---------|
| Width:        | 315 mm  |
| Length:       | 1050 mm |
| Height:       | 155 mm  |
| Inner length: | 880 mm  |
| Inner width:  | 295 mm  |
| Inner height: | 106 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           |
| 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

[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 with document compartment](#)

[73383201 - AK3 TW - Partition wall](#)

[73383301 - AK3 ABL-ES - External fixing lugs](#)

[73383401 - AK3 STD - Mounting socket](#)

[79031801 - AK N-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](#)

[79032101 - KLS N 1/14-SL - Plug clamps](#)

[79032201 - KLS PE 1/14-SL - Plug clamps](#)