

Terminal rails

## AK 14 PEN-SL



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#### Terminal rails

Productnumber: 79031701

Dimensions: 286 x 60 x 50 mm

Screwless PE/N clamping rail, for installation in AK small distributors from AK 14 and AKL/AKi empty housings as additional terminals or for replacement requirements

**Single-stage PE/N terminal rail with each, 3 screwable clamping points, 2.5 mm<sup>2</sup> - 16 mm<sup>2</sup> and 14 screwless clamping points, 1.5 - 4 mm<sup>2</sup>**

## Technical Data

### electrical characteristics

Rated operating voltage AC:	400 V
Rated current:	76 A
Number of poles:	2
shockproof:	No
Connection 1: Connection type:	Screws
Connection 1: Strip length:	12 mm
Connection 1: Clamping points per pole:	3
Connection 1: Suitable for Cu conductors:	1
Connection 1: Suitable for Al conductors:	0
Connection 1: Connectable conductor cross-section, fine-wire without ferrule (min):	16 mm <sup>2</sup>
Connection 1: Connectable conductor cross-section, fine-wire without ferrule (max):	1.5 mm <sup>2</sup>
Connection 1: Connectable conductor cross-section, fine-wire with ferrule (min):	1.5 mm <sup>2</sup>
Connection 1: Connectable conductor cross-section, fine-wire with ferrule (max):	10 mm <sup>2</sup>
Connection 1: Connectable conductor cross-section, single-wire (min):	6 mm <sup>2</sup>
Connection 1: Connectable conductor cross-section, single-wire (max):	16 mm <sup>2</sup>
Connection 1: Connectable conductor cross-section, stranded (min):	1.5 mm <sup>2</sup>
Connection 1: Connectable conductor cross-section, stranded (max):	16 mm <sup>2</sup>
Connection 2: Connection type:	Screwless
Connection 2: Stripping length:	12 mm
Connection 2: Clamping points per pole:	14
Connection 2: Suitable for Cu conductors:	1
Connection 2: Suitable for Al conductors:	0
Connection 2: Connectable conductor cross-section, fine-wire without ferrule (min):	1.5 mm <sup>2</sup>

### electrical characteristics

Connection 2: Connectable conductor cross-section, fine-wire without ferrule (max):	4 mm <sup>2</sup>
Connection 2: Connectable conductor cross-section, fine-wire with ferrule (min):	1.5 mm <sup>2</sup>
Connection 2: Connectable conductor cross-section, fine-wire with ferrule (max):	4 mm <sup>2</sup>
Connection 2: Connectable conductor cross-section, single-wire (min):	1.5 mm <sup>2</sup>
Connection 2: Connectable conductor cross-section, single-wire (max):	4 mm <sup>2</sup>
Connection 2: Connectable conductor cross-section, stranded (min):	1.5 mm <sup>2</sup>
Connection 2: Connectable conductor cross-section, stranded (max):	4 mm <sup>2</sup>

### Dimensions

Width:	286 mm
Length:	60 mm
Height:	50 mm

### Material characteristics

Flammability class according with UL94:	V2
Glow-wire flammability according to EN 60695-2-11:	960 °C
Industry quality:	no

### mechanical properties

Connection 1: Tightening moment:	1.6 Nm
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### Material

Insulating body material:	Thermoplastic
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