



Highlights

- 2 to n poles
- 1 pole module
- Tension spring type
- Spacing 10.0 mm
- Wire entry parallel to PCB
- With two soldering pins
- With angle lever
- 24 A with 2.5 mm² wire
- Max. 1.000 V

Wire Sizes

Solid min	0.14 mm ²
Solid max	2.5 mm ²
Stranded (flexible) min	0.14 mm ²
Stranded (flexible) max	2.5 mm ²
Stranded with ferrule min	0.14 mm ²
Stranded with ferrule max	1.5 mm ²

Dimensions

Stripped length	6.0 mm
PCB hole diameter	1.1 mm

Materials

Solder tab	Copper Alloy
Tension spring	Stainless Steel

Insulating Material

Material	PA 6.6
Flammability class	UL 94 V-0

Temperatures

Operating temperature (without mech. load)	-40 °C - 105 °C
Store temperature	-40 °C - 105 °C



Technical Data // **AK3100/..-10.0-PEBBLE GREY**

Spacing 10.0 mm

Wave Soldering Process

Soldering temperature, recommended 260 °C

Peak soldering time, recommended 3-4 s

Reflow Process

Soldering temperature, recommended -

Peak soldering time, recommended -

Colours

PEBBLE GREY, RAL 7032

Colours according to RAL, there may be variations on colour due to production conditions.
Special colours on request.

Ratings



UseGroup	UL US			VDE	
	B	C	D	min	max
Rated voltage	300 V	300 V	-	1000 V	
Rated current	15 A	15 A	-	24 A	
Rated wire size				min	max
- solid	AWG 28-14	AWG 28-14	-	0.5 mm ²	2.5 mm ²
- stranded	AWG 28-14	AWG 28-14	-	0.5 mm ²	2.5 mm ²
Test voltage	1.60 kV	1.60 kV	-	3.5 kV	



Spacing 10.0 mm

Order Data (Spacing 10.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	17.20	AK3100/2-10.0-PEBBLE GREY	53100020041 E	100
3	27.20	AK3100/3-10.0-PEBBLE GREY	53100030041 E	100
4	37.20	AK3100/4-10.0-PEBBLE GREY	53100040041 D	50
5	47.20	AK3100/5-10.0-PEBBLE GREY	53100050041 D	50
6	57.20	AK3100/6-10.0-PEBBLE GREY	53100060041 D	50
7	67.20	AK3100/7-10.0-PEBBLE GREY	53100070041 D	50
8	77.20	AK3100/8-10.0-PEBBLE GREY	53100080041 D	50
9	87.20	AK3100/9-10.0-PEBBLE GREY	53100090041 D	50
10	97.20	AK3100/10-10.0-PEBBLE GREY	53100100041 D	50
11	107.20	AK3100/11-10.0-PEBBLE GREY	53100110041 D	50
12	117.20	AK3100/12-10.0-PEBBLE GREY	53100120041 D	50
13	127.20	AK3100/13-10.0-PEBBLE GREY	53100130041 D	50
14	137.20	AK3100/14-10.0-PEBBLE GREY	53100140041 D	50
15	147.20	AK3100/15-10.0-PEBBLE GREY	53100150041 D	50
16	157.20	AK3100/16-10.0-PEBBLE GREY	53100160041 D	50
17	167.20	AK3100/17-10.0-PEBBLE GREY	53100170041 D	50
18	177.20	AK3100/18-10.0-PEBBLE GREY	53100180041 D	50
19	187.20	AK3100/19-10.0-PEBBLE GREY	53100190041 D	50
20	197.20	AK3100/20-10.0-PEBBLE GREY	53100200041 D	50
21	207.20	AK3100/21-10.0-PEBBLE GREY	53100210041 D	50
22	217.20	AK3100/22-10.0-PEBBLE GREY	53100220041 D	50
23	227.20	AK3100/23-10.0-PEBBLE GREY	53100230041 D	50
24	237.20	AK3100/24-10.0-PEBBLE GREY	53100240041 D	50



Spacing 10.0 mm

Technical drawing

