



Highlights

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

Wave Soldering Process

Soldering temperature, recommended	260 °C
Peak soldering time, recommended	3-4 s

Reflow Process

Soldering temperature, recommended	-
Peak soldering time, recommended	-

Spacing 10.0 mm

Colours

PEBBLE GREY, RAL 7032

GREEN, RAL 6018

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

Ratings

					
UseGroup	B	C	D		
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	17.90	AK3101/2WD-10.0-PEBBLE GREY	53101020041 E	100
3	27.90	AK3101/3WD-10.0-PEBBLE GREY	53101030041 E	100
4	37.90	AK3101/4WD-10.0-PEBBLE GREY	53101040041 D	50
5	47.90	AK3101/5WD-10.0-PEBBLE GREY	53101050041 D	50
6	57.90	AK3101/6WD-10.0-PEBBLE GREY	53101060041 D	50
7	67.90	AK3101/7WD-10.0-PEBBLE GREY	53101070041 D	50
8	77.90	AK3101/8WD-10.0-PEBBLE GREY	53101080041 D	50
9	87.90	AK3101/9WD-10.0-PEBBLE GREY	53101090041 D	50
10	97.90	AK3101/10WD-10.0-PEBBLE GREY	53101100041 D	50
11	107.90	AK3101/11WD-10.0-PEBBLE GREY	53101110041 D	50
12	117.90	AK3101/12WD-10.0-PEBBLE GREY	53101120041 D	50
13	127.90	AK3101/13WD-10.0-PEBBLE GREY	53101130041 D	50
14	137.90	AK3101/14WD-10.0-PEBBLE GREY	53101140041 D	50
15	147.90	AK3101/15WD-10.0-PEBBLE GREY	53101150041 D	50
16	157.90	AK3101/16WD-10.0-PEBBLE GREY	53101160041 D	50
17	167.90	AK3101/17WD-10.0-PEBBLE GREY	53101170041 D	50
18	177.90	AK3101/18WD-10.0-PEBBLE GREY	53101180041 D	50
19	187.90	AK3101/19WD-10.0-PEBBLE GREY	53101190041 D	50
20	197.90	AK3101/20WD-10.0-PEBBLE GREY	53101200041 D	50
21	207.90	AK3101/21WD-10.0-PEBBLE GREY	53101210041 D	50
22	217.90	AK3101/22WD-10.0-PEBBLE GREY	53101220041 D	50
23	227.90	AK3101/23WD-10.0-PEBBLE GREY	53101230041 D	50
24	237.90	AK3101/24WD-10.0-PEBBLE GREY	53101240041 D	50



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Technical Data // **AK3101/..WD-10.0-PEBBLE GREY**

Spacing 10.0 mm

Technical drawing

