



Highlights

2 to n poles
1 pole module
Tension spring type
Spacing 10.0 mm
Wire entry 45° to PCB
With two soldering pins
With angle lever
24 A with 2.5 mm ² wire
Max. 1.000 V

Wire Sizes

Solid min	0.08 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

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

GREY, RAL 7016

LIGHT GREEN, similar RAL 6018

GREEN, RAL 6018

RED, RAL 3003

ORANGE, RAL 2011

BLUE, RAL 5015

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	AK3001/2WD-10.0-PEBBLE GREY	53001020071 E	100
3	27.90	AK3001/3WD-10.0-PEBBLE GREY	53001030071 E	100
4	37.90	AK3001/4WD-10.0-PEBBLE GREY	53001040071 E	100
5	47.90	AK3001/5WD-10.0-PEBBLE GREY	53001050071 E	100
6	57.90	AK3001/6WD-10.0-PEBBLE GREY	53001060071 D	50
7	67.90	AK3001/7WD-10.0-PEBBLE GREY	53001070071 D	50
8	77.90	AK3001/8WD-10.0-PEBBLE GREY	53001080071 D	50
9	87.90	AK3001/9WD-10.0-PEBBLE GREY	53001090071 D	50
10	97.90	AK3001/10WD-10.0-PEBBLE GREY	53001100071 D	50
11	107.90	AK3001/11WD-10.0-PEBBLE GREY	53001110071 D	50
12	117.90	AK3001/12WD-10.0-PEBBLE GREY	53001120071 D	50
13	127.90	AK3001/13WD-10.0-PEBBLE GREY	53001130071 D	50
14	137.90	AK3001/14WD-10.0-PEBBLE GREY	53001140071 D	50
15	147.90	AK3001/15WD-10.0-PEBBLE GREY	53001150071 D	50
16	157.90	AK3001/16WD-10.0-PEBBLE GREY	53001160071 D	50
17	167.90	AK3001/17WD-10.0-PEBBLE GREY	53001170071 D	50
18	177.90	AK3001/18WD-10.0-PEBBLE GREY	53001180071 D	50
19	187.90	AK3001/19WD-10.0-PEBBLE GREY	53001190071 D	50
20	197.90	AK3001/20WD-10.0-PEBBLE GREY	53001200071 D	50
21	207.90	AK3001/21WD-10.0-PEBBLE GREY	53001210071 D	50
22	217.90	AK3001/22WD-10.0-PEBBLE GREY	53001220071 D	50
23	227.90	AK3001/23WD-10.0-PEBBLE GREY	53001230071 D	50
24	237.90	AK3001/24WD-10.0-PEBBLE GREY	53001240071 D	50



Technical Data // AK3001/..WD-10.0-PEBBLE GREY

PTR HARTMANN

A Phoenix Mecano Company

Spacing 10.0 mm

Technical drawing

