



Highlights

- 1 to n poles
- 1 pole module
- Tension spring type
- Spacing 7.5 mm
- Wire entry 45° to PCB
- With two soldering pins
- With angle lever
- 24 A with 2.5 mm² wire

Wire Sizes

Solid min	0.08 mm²
Solid max	2.5 mm²
Stranded (flexible) min	0.14 mm²
Stranded (flexible) max	2.5 mm²
Stranded with ferrule min	0.14 mm²
Stranded with ferrule max	1.5 mm²

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 7.5 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	B	C	D		
Rated voltage	300 V	-	300 V	750 V	
Rated current	15 A	-	10 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	3.0 kV	

Accessoires

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-7.5/7.62-L8.2-LIGHT GREY	Order Data: 50000000017

**PTR HARTMANN**

A Phoenix Mecano Company

Technical Data // AK3011/..WD-7.5-PEBBLE GREY

Spacing 7.5 mm

Order Data (Spacing 7.5 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
1	10.40	AK3011/1WD-7.5-PEBBLE GREY	53011010071 F	200
2	17.90	AK3011/2WD-7.5-PEBBLE GREY	53011020071 E	100
3	25.40	AK3011/3WD-7.5-PEBBLE GREY	53011030071 E	100
4	32.90	AK3011/4WD-7.5-PEBBLE GREY	53011040071 E	100
5	40.40	AK3011/5WD-7.5-PEBBLE GREY	53011050071 E	100
6	47.90	AK3011/6WD-7.5-PEBBLE GREY	53011060071 D	50
7	55.40	AK3011/7WD-7.5-PEBBLE GREY	53011070071 D	50
8	62.90	AK3011/8WD-7.5-PEBBLE GREY	53011080071 D	50
9	70.40	AK3011/9WD-7.5-PEBBLE GREY	53011090071 D	50
10	77.90	AK3011/10WD-7.5-PEBBLE GREY	53011100071 D	50
11	85.40	AK3011/11WD-7.5-PEBBLE GREY	53011110071 D	50
12	92.90	AK3011/12WD-7.5-PEBBLE GREY	53011120071 D	50
13	100.40	AK3011/13WD-7.5-PEBBLE GREY	53011130071 D	50
14	107.90	AK3011/14WD-7.5-PEBBLE GREY	53011140071 D	50
15	115.40	AK3011/15WD-7.5-PEBBLE GREY	53011150071 D	50
16	122.90	AK3011/16WD-7.5-PEBBLE GREY	53011160071 D	50
17	130.40	AK3011/17WD-7.5-PEBBLE GREY	53011170071 D	50
18	137.90	AK3011/18WD-7.5-PEBBLE GREY	53011180071 D	50
19	145.40	AK3011/19WD-7.5-PEBBLE GREY	53011190071 D	50
20	152.90	AK3011/20WD-7.5-PEBBLE GREY	53011200071 D	50
21	160.40	AK3011/21WD-7.5-PEBBLE GREY	53011210071 D	50
22	167.90	AK3011/22WD-7.5-PEBBLE GREY	53011220071 D	50
23	175.40	AK3011/23WD-7.5-PEBBLE GREY	53011230071 D	50
24	182.90	AK3011/24WD-7.5-PEBBLE GREY	53011240071 D	50

Spacing 7.5 mm

Technical drawing

