



Highlights

- 1 to n poles
- 1 pole module
- Push-In connection
- Spacing 5.0 mm
- Wire entry parallel to PCB
- With lever
- With two soldering pins

Wire Sizes

Solid min	0.08 mm ²
Solid max	2.5 mm ²
Stranded (flexible) min	0.5 mm ²
Stranded (flexible) max	1.5 mm ²
Stranded with ferrule min	0.14 mm ²
Stranded with ferrule max	1.0 mm ²

Dimensions

Stripped length	9.0 mm
PCB hole diameter	1.0 mm

Materials

Solder tab	Copper Alloy
Clamp 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

Spacing 5.0 mm

Reflow Process

Soldering temperature, recommended -

Peak soldering time, recommended -

Colours

PEBBLE GREY, RAL 7032

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	250 V
Rated current	10 A	-	10 A	17.5 A
Rated wire size				min max
- solid	AWG 20-14	-	AWG 20-14	0.5 mm ² 2.5 mm ²
- stranded	-	-	-	- -
Test voltage	1.60 kV	-	1.60 kV	2.0 kV

Accessoires

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-5.0/5.08-LIGHT GREY	Order Data: 50000000006
	Bridge, 3-pole, insulated, BRI/3-5.0/5.08-LIGHT GREY	Order Data: 50000000007

Order Data (Spacing 5.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
1	6.60	AK4101/1KD-5.0-PEBBLE GREY	54101010001 G	250
2	11.60	AK4101/2KD-5.0-PEBBLE GREY	54101020001 F	200
3	16.60	AK4101/3KD-5.0-PEBBLE GREY	54101030001 F	200
4	21.60	AK4101/4KD-5.0-PEBBLE GREY	54101040001 E	100
5	26.60	AK4101/5KD-5.0-PEBBLE GREY	54101050001 E	100
6	31.60	AK4101/6KD-5.0-PEBBLE GREY	54101060001 D	50
7	36.60	AK4101/7KD-5.0-PEBBLE GREY	54101070001 D	50
8	41.60	AK4101/8KD-5.0-PEBBLE GREY	54101080001 D	50
9	46.60	AK4101/9KD-5.0-PEBBLE GREY	54101090001 D	50
10	51.60	AK4101/10KD-5.0-PEBBLE GREY	54101100001 D	50
11	56.60	AK4101/11KD-5.0-PEBBLE GREY	54101110001 D	50
12	61.60	AK4101/12KD-5.0-PEBBLE GREY	54101120001 D	50



Technical Data // **AK4101/..KD-5.0-PEBBLE GREY**

PTR HARTMANN

A Phoenix Mecano Company

Spacing 5.0 mm

Technical drawing

