



Highlights

2 to n poles

1 pole module

Push-In connection

Spacing 10.0 mm

Wire entry parallel to PCB

With lever

With two soldering pins

Wire Sizes

Solid min 0.08 mm²

Solid max 2.5 mm²

Stranded (flexible) min 0.5 mm²

Stranded (flexible) max 1.5 mm²

Stranded with ferrule min 0.14 mm²

Stranded with ferrule max 1.0 mm²

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 10.0 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	

** angelehnt an EN 60998

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 10.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	16.60	AK4101/2KD-10.0-PEBBLE GREY	54101020021 F	200
3	26.60	AK4101/3KD-10.0-PEBBLE GREY	54101030021 F	200
4	36.60	AK4101/4KD-10.0-PEBBLE GREY	54101040021 E	100
5	46.60	AK4101/5KD-10.0-PEBBLE GREY	54101050021 E	100
6	56.60	AK4101/6KD-10.0-PEBBLE GREY	54101060021 D	50
7	66.60	AK4101/7KD-10.0-PEBBLE GREY	54101070021 D	50
8	76.60	AK4101/8KD-10.0-PEBBLE GREY	54101080021 D	50
9	86.60	AK4101/9KD-10.0-PEBBLE GREY	54101090021 D	50
10	96.60	AK4101/10KD-10.0-PEBBLE GREY	54101100021 D	50
11	106.60	AK4101/11KD-10.0-PEBBLE GREY	54101110021 D	50
12	116.60	AK4101/12KD-10.0-PEBBLE GREY	54101120021 D	50



Technical Data // AK4101/..KD-10.0-PEBBLE GREY

PTR HARTMANN

A Phoenix Mecano Company

Spacing 10.0 mm

Technical drawing

