



Highlights

- 1 to n poles
- 1 pole module
- Spacing 3.5 mm
- Push-In connection
- Wire entry 45° to PCB
- With lever

Wire Sizes

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

Dimensions

Stripped length	9.0 mm
PCB hole diameter	1.0 mm

Materials

Contact tag	Copper Alloy
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Insulating Material

Material	PA 6.6
Flammability class	UL 94 V-0

Temperatures

Operating temperature	-40 °C (without mech. load) - 105 °C
Store temperature	-40 °C - 105 °C

Wave Soldering Process

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

**Technical Data // AK4291/..KD-3.5-PEBBLE GREY**

Spacing 3.5 mm

Reflow Process

Soldering temperature, recommended -

Peak soldering time, recommended -

Colours

PEBBLE GREY, RAL 7032

ORANGE, RAL 2011

BLUE, RAL 5015

LIGHT GREEN, similar 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	-	-	130 V	
Rated current	6 A	-	-	3 A	
Rated wire size				min	max
- solid	AWG 22-16	-	-	0.2 mm ²	0.75 mm ²
- stranded	-	-	-	-	-
- stranded (flexible)	-	-	-	-	-
Test voltage	1.60 kV	-	-	2.0 kV	

Accessoires

Figure	Designation	Article Number
	Spacer SPC-AK4291-PEBBLE GREY	Art.-Nr. 54291000000
	Bridge, 2-pole, insulated, BRI/2-7.0/7.62-L7.5-LIGHT GREY	Art.-Nr. 50000000018
	Bridge, 2-pole, BR/2-3.5/3.81-L7.5	Art.-Nr. 50000000015
	Bridge, 3-pole, BR/3-3.5/3.81-L7.5	Art.-Nr. 50000000016
	Bridge, 2-pole, angled, BR/2-3.5/3.81-H-L7.5	Art.-Nr. 50000000029



Technical Data // **AK4291/..KD-3.5-PEBBLE GREY**

Spacing 3.5 mm

Order Data (Spacing 3.5 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
1	5.00	AK4291/1KD-3.5-PEBBLE GREY	54291010001 G	250
2	8.50	AK4291/2KD-3.5-PEBBLE GREY	54291020001 F	200
3	12.00	AK4291/3KD-3.5-PEBBLE GREY	54291030001 F	200
4	15.50	AK4291/4KD-3.5-PEBBLE GREY	54291040001 F	200
5	19.00	AK4291/5KD-3.5-PEBBLE GREY	54291050001 E	100
6	22.50	AK4291/6KD-3.5-PEBBLE GREY	54291060001 E	100
7	26.00	AK4291/7KD-3.5-PEBBLE GREY	54291070001 E	100
8	29.50	AK4291/8KD-3.5-PEBBLE GREY	54291080001 D	50
9	33.00	AK4291/9KD-3.5-PEBBLE GREY	54291090001 D	50
10	36.50	AK4291/10KD-3.5-PEBBLE GREY	54291100001 D	50
11	40.00	AK4291/11KD-3.5-PEBBLE GREY	54291110001 D	50
12	43.50	AK4291/12KD-3.5-PEBBLE GREY	54291120001 D	50

Technical drawing

