



Highlights

1 to n poles

Spacing 2.5 mm

Push-In connection

Wire entry 45° to PCB

With lever

Wire Sizes

Solid min	0.14 mm ²
Solid max	0.75 mm ²
Stranded (flexible) min	0.14 mm ²
Stranded (flexible) max	0.75 mm ²
Stranded with ferrule min	0.14 mm ²
Stranded with ferrule max	0.34 mm ²

Dimensions

Stripped length	9.0 mm
PCB hole diameter	1.2 mm

Materials

Contact pin	Bronze
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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

Reflow Process

Soldering temperature, recommended	-
Peak soldering time, recommended	-

Spacing 2.5 mm

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	UL US			VDE	
	B	C	D		
Rated voltage	150 V	-	150 V	130 V	
Rated current	2 A	-	2 A	2 A	
Rated wire size				min	max
- solid	AWG 26-20	-	AWG 26-20	0.2 mm ²	0.75 mm ²
- stranded	-	-	-	-	-
- stranded (flexible)	AWG 26-20	-	AWG 26-20	0.2 mm ²	0.75 mm ²
Test voltage	1.30 kV	-	1.30 kV	1.25 kV	

Accessoires

Figure	Designation	Article Number
	Spacer SPC-AK4191-PEBBLE GREY	Art.-Nr. 54191000000

Order Data (Spacing 2.5 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
1	4.00	AK4191/1KD-2.5-PEBBLE GREY	54191010001 G	250
2	6.50	AK4191/2KD-2.5-PEBBLE GREY	54191020001 F	200
3	9.00	AK4191/3KD-2.5-PEBBLE GREY	54191030001 F	200
4	11.50	AK4191/4KD-2.5-PEBBLE GREY	54191040001 F	200
5	14.00	AK4191/5KD-2.5-PEBBLE GREY	54191050001 E	100
6	16.50	AK4191/6KD-2.5-PEBBLE GREY	54191060001 E	100
7	19.00	AK4191/7KD-2.5-PEBBLE GREY	54191070001 E	100
8	21.50	AK4191/8KD-2.5-PEBBLE GREY	54191080001 D	50
9	24.00	AK4191/9KD-2.5-PEBBLE GREY	54191090001 D	50
10	26.50	AK4191/10KD-2.5-PEBBLE GREY	54191100001 D	50
11	29.00	AK4191/11KD-2.5-PEBBLE GREY	54191110001 D	50
12	31.50	AK4191/12KD-2.5-PEBBLE GREY	54191120001 D	50



Spacing 2.5 mm

Technical drawing

