



Highlights

- 1 to n poles
- 1 pole module
- Tension spring type
- Spacing 2.54 mm
- Wire entry 45° to PCB
- With two soldering pins
- With lever

Wire Sizes

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

Dimensions

Stripped length	5.0 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

Wave Soldering Process

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

Spacing 2.54 mm

Reflow Process

Soldering temperature, recommended -

Peak soldering time, recommended -

Colours

PEBBLE GREY, RAL 7032

ORANGE, RAL 2011

Colours according to RAL, there may be variations on colour due to production conditions.
Special colours on request.

Ratings

cFUS				VDE	
UseGroup	B	C	D		
Rated voltage	150 V	-	-	130 V	
Rated current	4 A	-	-	6 A	
Rated wire size				min	max
- solid	AWG 28-20	-	-	0.2 mm ²	0.5 mm ²
- stranded	-	-	-	-	-
Test voltage	1.30 kV	-	-	1.25 kV	

Order Data (Spacing 2.54 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
1	4.54	AKZ3191/1KD-2.54-ORANGE	53191010321 F	200
2	7.08	AKZ3191/2KD-2.54-ORANGE	53191020321 F	200
3	9.62	AKZ3191/3KD-2.54-ORANGE	53191030321 F	200
4	12.16	AKZ3191/4KD-2.54-ORANGE	53191040321 F	200
5	14.70	AKZ3191/5KD-2.54-ORANGE	53191050321 E	100
6	17.24	AKZ3191/6KD-2.54-ORANGE	53191060321 E	100
7	19.78	AKZ3191/7KD-2.54-ORANGE	53191070321 E	100
8	22.32	AKZ3191/8KD-2.54-ORANGE	53191080321 D	50
9	24.86	AKZ3191/9KD-2.54-ORANGE	53191090321 D	50
10	27.40	AKZ3191/10KD-2.54-ORANGE	53191100321 D	50
11	29.94	AKZ3191/11KD-2.54-ORANGE	53191110321 D	50
12	32.48	AKZ3191/12KD-2.54-ORANGE	53191120321 D	50



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Technical Data // **AKZ3191/..KD-2.54-ORANGE**

Spacing 2.54 mm

Technical drawing

