



Highlights

- 1 to n poles
- 1 pole module
- Spacing 2.5 mm
- Push-In connection
- With lever
- Wire entry 45° to PCB
- With alternating pins
- Alternating pinning starts with the front right pole

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 (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 2.5 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	-	300 V		250 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	AWG 26-20	-	AWG 26-20	0.2 mm ²	0.75 mm ²
Test voltage	1.60 kV	-	1.60 kV		2.0 kV

Accessoires

Figure	Designation	Article Number
	Spacer SPC-AK4191-PEBBLE GREY	Order Data: 54191000000

Order Data (Spacing 2.5 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
1	4.00	AK4191/1KDVP-2.5-PEBBLE GREY	54191010051 G	250
2	6.50	AK4191/2KDVP-2.5-PEBBLE GREY	54191020051 F	200
3	9.00	AK4191/3KDVP-2.5-PEBBLE GREY	54191030051 F	200
4	11.50	AK4191/4KDVP-2.5-PEBBLE GREY	54191040051 F	200
5	14.00	AK4191/5KDVP-2.5-PEBBLE GREY	54191050051 E	100
6	16.50	AK4191/6KDVP-2.5-PEBBLE GREY	54191060051 E	100
7	19.00	AK4191/7KDVP-2.5-PEBBLE GREY	54191070051 E	100
8	21.50	AK4191/8KDVP-2.5-PEBBLE GREY	54191080051 D	50
9	24.00	AK4191/9KDVP-2.5-PEBBLE GREY	54191090051 D	50
10	26.50	AK4191/10KDVP-2.5-PEBBLE GREY	54191100051 D	50
11	29.00	AK4191/11KDVP-2.5-PEBBLE GREY	54191110051 D	50
12	31.50	AK4191/12KDVP-2.5-PEBBLE GREY	54191120051 D	50



Technical Data // AK4191/..KDVP-2.5-PEBBLE GREY

PTR HARTMANN

A Phoenix Mecano Company

Spacing 2.5 mm

Technical drawing

