

# AK4191/..KDVP-2.5-PEBBLE GREY



A Phoenix Mecano Brand

- 1 to n poles

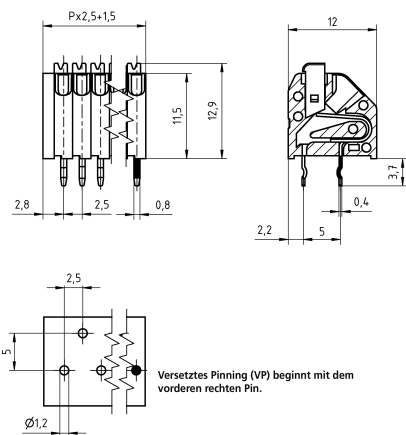
## Technical Data

Wire sizes		Insulating Material	
Solid min	0.14 mm <sup>2</sup>	Material	PA 6.6
Solid max	0.75 mm <sup>2</sup>	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14mm <sup>2</sup>	<b>Temperatures</b>	
Stranded (flexible) max	0.75 mm <sup>2</sup>	Operating Temperature (without mech. load)	-40 °C - 105 °C
Stranded with Ferrule min	0.14 mm <sup>2</sup>	Store Temperature	-40 °C - 105 °C
Stranded with Ferrule max	0.34 mm <sup>2</sup>	<b>Wave Soldering Process</b>	
<b>Dimensions</b>		Soldering Temperature, recommended	260 °C
Stripped Length	9.0 mm	Peak Soldering Time, recommended	3-4 s
PCB Hole Diameter	1.2 mm	<b>Reflow Process</b>	
<b>Materials</b>		Soldering Temperature, recommended	-
Contact Pin	Bronze	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.



## Order Data (Spacing 2.5 mm)

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

## Accessoires

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

## Ratings

UseGroup	C <sup>RU</sup> US			VDE	
	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 <sup>2</sup>	0.75 mm <sup>2</sup>
- stranded	AWG 26-20	-	AWG 26-20	0.2 mm <sup>2</sup>	0.75 mm <sup>2</sup>
Test Voltage	1.60 kV	-	1.60 kV	2.0 kV	