

# AK4291/..KDVP-3.5-PEBBLE GREY

1- to n-poles



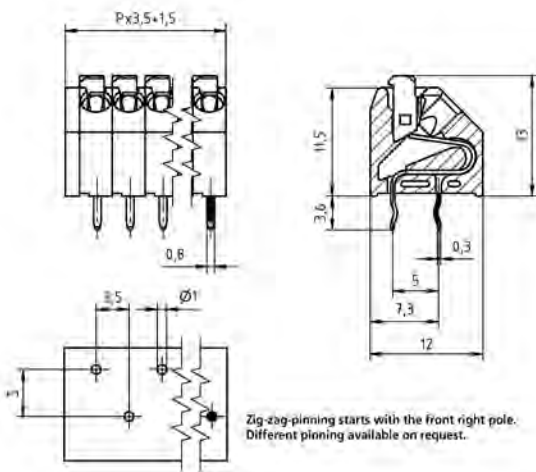
### Technical Data

Wire Sizes		Insulating Material	
Solid min	0.08 mm <sup>2</sup>	Material	PA 6.6
Solid max	1.5 mm <sup>2</sup>	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14 mm <sup>2</sup>	<b>Temperatures</b>	
Stranded (flexible) max	1.0 mm <sup>2</sup>	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.14 mm <sup>2</sup>	<b>Wave Soldering Process</b>	
Stranded with Ferrule max	0.5 mm <sup>2</sup>	Soldering Temperature, recommended	265 °C
<b>Dimensions</b>		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	9.0 mm	<b>Reflow Process</b>	
PCB Hole Diameter	1.0 mm	Soldering Temperature, recommended	-
<b>Materials</b>		Peak Soldering Time, recommended	-
Contact Tag	Copper Alloy		

### 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 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	5.00	AK4291/1KDVP-3.5-PEBBLE GREY	54291010051G	250
2	8.50	AK4291/2KDVP-3.5-PEBBLE GREY	54291020051F	200
3	12.00	AK4291/3KDVP-3.5-PEBBLE GREY	54291030051F	200
4	15.50	AK4291/4KDVP-3.5-PEBBLE GREY	54291040051F	200
5	19.00	AK4291/5KDVP-3.5-PEBBLE GREY	54291050051E	100
6	22.50	AK4291/6KDVP-3.5-PEBBLE GREY	54291060051E	100
7	26.00	AK4291/7KDVP-3.5-PEBBLE GREY	54291070051E	100
8	29.50	AK4291/8KDVP-3.5-PEBBLE GREY	54291080051D	50
9	33.00	AK4291/9KDVP-3.5-PEBBLE GREY	54291090051D	50
10	36.50	AK4291/10KDVP-3.5-PEBBLE GREY	54291100051D	50
11	40.00	AK4291/11KDVP-3.5-PEBBLE GREY	54291110051D	50
12	43.50	AK4291/12KDVP-3.5-PEBBLE GREY	54291120051D	50

### Accessories

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

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

### Ratings

Usegroup	UL		VDE			
	B	C	D			
Rated Voltage	300 V	-	300 V	250 V		
Rated Current	6 A	-	6 A	3 A		
Rated Wire Size			min		max	
solid	AWG 22-16	-	AWG 22-16	0.2 mm <sup>2</sup>	0.75 mm <sup>2</sup>	
stranded	-	-	-	-	-	
Test Voltage	1.6 kV	-	1.6 kV	2.0 kV		