

# AK3010/..-7.5-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	2.5 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	2.5 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	1.5 mm <sup>2</sup>	Soldering Temperature, recommended	265 °C
<b>Dimensions</b>		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	<b>Reflow Process</b>	
PCB Hole Diameter	1.1 mm	Soldering Temperature, recommended	-
<b>Materials</b>		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Tension Spring	Stainless Steel		

### Colours

■ PEBBLE GREY, RAL 7032

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

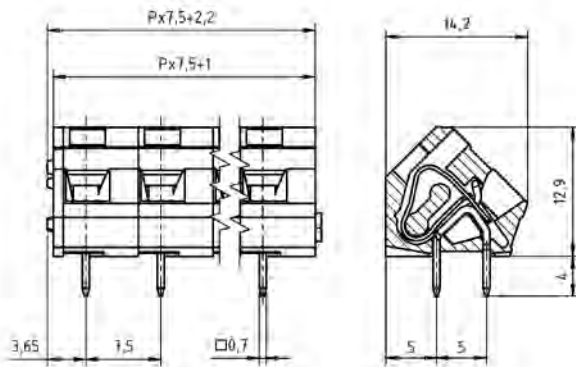
### Order Data (Spacing 7.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	9.70	AK3010/1-7.5-PEBBLE GREY	53010010001F	200
2	17.20	AK3010/2-7.5-PEBBLE GREY	53010020001E	100
3	24.70	AK3010/3-7.5-PEBBLE GREY	53010030001E	100
4	32.20	AK3010/4-7.5-PEBBLE GREY	53010040001E	100
5	39.70	AK3010/5-7.5-PEBBLE GREY	53010050001E	100
6	47.20	AK3010/6-7.5-PEBBLE GREY	53010060001D	50
7	54.70	AK3010/7-7.5-PEBBLE GREY	53010070001D	50
8	62.20	AK3010/8-7.5-PEBBLE GREY	53010080001D	50
9	69.70	AK3010/9-7.5-PEBBLE GREY	53010090001D	50
10	77.20	AK3010/10-7.5-PEBBLE GREY	53010100001D	50
11	84.70	AK3010/11-7.5-PEBBLE GREY	53010110001D	50
12	92.20	AK3010/12-7.5-PEBBLE GREY	53010120001D	50
13	99.70	AK3010/13-7.5-PEBBLE GREY	53010130001D	50
14	107.20	AK3010/14-7.5-PEBBLE GREY	53010140001D	50
15	114.70	AK3010/15-7.5-PEBBLE GREY	53010150001D	50
16	122.20	AK3010/16-7.5-PEBBLE GREY	53010160001D	50
17	129.70	AK3010/17-7.5-PEBBLE GREY	53010170001D	50
18	137.20	AK3010/18-7.5-PEBBLE GREY	53010180001D	50
19	144.70	AK3010/19-7.5-PEBBLE GREY	53010190001D	50
20	152.20	AK3010/20-7.5-PEBBLE GREY	53010200001D	50
21	159.70	AK3010/21-7.5-PEBBLE GREY	53010210001D	50
22	167.20	AK3010/22-7.5-PEBBLE GREY	53010220001D	50
23	174.70	AK3010/23-7.5-PEBBLE GREY	53010230001D	50
24	182.20	AK3010/24-7.5-PEBBLE GREY	53010240001D	50

### Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-7.5/7.62-L8.2-LIGHT GREY	50000000017

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



### Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	300 V	750 V	
Rated Current	16 A	-	10 A	24 A	
Rated Wire Size			min		max
	solid	AWG 28-14	-	AWG 28-14	0.5 mm <sup>2</sup> 2.5 mm <sup>2</sup>
	stranded	AWG 28-14	-	AWG 28-14	0.5 mm <sup>2</sup> 2.5 mm <sup>2</sup>
Test Voltage	1.6 kV	-	1.6 kV	3.0 kV	