

# AK3750/..-5.0-GREEN-PD10.0 AKZ3750/..-5.08-GREEN-PD10.16

1- to n-poles



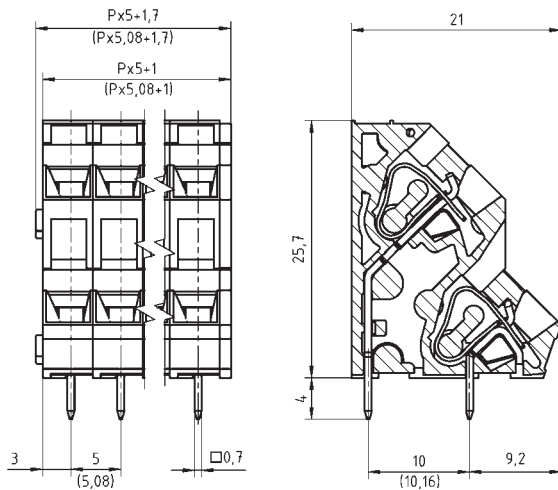
### Technical Data

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	1.0 mm	Soldering Temperature, recommended	-
<b>Materials</b>		Peak Soldering Time, recommended	-
Solder Tag	Copper Alloy		
Tension Spring	Stainless Steel		

### Colours

- GREEN, RAL 6018
- TRAFFIC GREY, RAL 7042
- 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 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	6.70	AK3750/1-5.0-GREEN-PD10.0	53750010241F	200
2	11.70	AK3750/2-5.0-GREEN-PD10.0	53750020241E	100
3	16.70	AK3750/3-5.0-GREEN-PD10.0	53750030241E	100
4	21.70	AK3750/4-5.0-GREEN-PD10.0	53750040241D	50
5	26.70	AK3750/5-5.0-GREEN-PD10.0	53750050241D	50
6	31.70	AK3750/6-5.0-GREEN-PD10.0	53750060241D	50
7	36.70	AK3750/7-5.0-GREEN-PD10.0	53750070241D	50
8	41.70	AK3750/8-5.0-GREEN-PD10.0	53750080241D	50
...	...	...	...	...
12	61.70	AK3750/12-5.0-GREEN-PD10.0	53750120241D	50

### Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	6.78	AKZ3750/1-5.08-GREEN-PD10.16	53750010251F	200
2	11.86	AKZ3750/2-5.08-GREEN-PD10.16	53750020251E	100
3	16.94	AKZ3750/3-5.08-GREEN-PD10.16	53750030251E	100
4	22.02	AKZ3750/4-5.08-GREEN-PD10.16	53750040251D	50
5	27.10	AKZ3750/5-5.08-GREEN-PD10.16	53750050251D	50
6	32.18	AKZ3750/6-5.08-GREEN-PD10.16	53750060251D	50
7	37.26	AKZ3750/7-5.08-GREEN-PD10.16	53750070251D	50
8	42.34	AKZ3750/8-5.08-GREEN-PD10.16	53750080251D	50
...	...	...	...	...
12	62.66	AKZ3750/12-5.08-GREEN-PD10.16	53750120251D	50

### Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008

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

### Ratings

Usegroup	cULus		VDE	
	B	C	D	
Rated Voltage	300 V	-	300 V	250 V
Rated Current	16 A	-	10 A	12 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	2.0 kV