

# AK700/..-5.0-H-GREEN AKZ700/..-5.08-H-GREEN



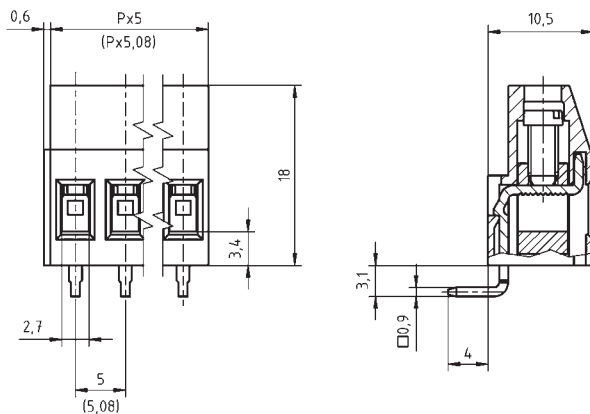
### Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm <sup>2</sup>	Material	PA 6.6
Solid max	4.0 mm <sup>2</sup>	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 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	0.25 mm <sup>2</sup>	<b>Wave Soldering Process</b>	
Stranded with Ferrule max	2.5 mm <sup>2</sup>	Soldering Temperature, recommended	265 °C
<b>Dimensions</b>		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	8.0 mm	<b>Reflow Process</b>	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
<b>Materials</b>		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Solder Tag	Copper Alloy		

### Colours

	GREEN, RAL 6018		GREY, RAL 7016
	PEBBLE GREY, RAL 7032		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 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.60	AK700/2-5.0-H-GREEN	50700020261F	200
3	15.60	AK700/3-5.0-H-GREEN	50700030261F	200
4	20.60	AK700/4-5.0-H-GREEN	50700040261F	200
5	25.60	AK700/5-5.0-H-GREEN	50700050261F	200
6	30.60	AK700/6-5.0-H-GREEN	50700060261E	100
7	35.60	AK700/7-5.0-H-GREEN	50700070261E	100
8	40.60	AK700/8-5.0-H-GREEN	50700080261E	100
9	45.60	AK700/9-5.0-H-GREEN	50700090261E	100
...	...	...	...	...
12	60.60	AK700/12-5.0-H-GREEN	50700120261D	50

### Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.76	AKZ700/2-5.08-H-GREEN	50700020274F	200
3	15.84	AKZ700/3-5.08-H-GREEN	50700030274F	200
4	20.92	AKZ700/4-5.08-H-GREEN	50700040274F	200
5	26.00	AKZ700/5-5.08-H-GREEN	50700050274F	200
6	31.08	AKZ700/6-5.08-H-GREEN	50700060274E	100
7	36.16	AKZ700/7-5.08-H-GREEN	50700070274E	100
8	41.24	AKZ700/8-5.08-H-GREEN	50700080274E	100
9	46.32	AKZ700/9-5.08-H-GREEN	50700090274E	100
...	...	...	...	...
12	61.56	AKZ700/12-5.08-H-GREEN	50700120274D	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
	Screw Cover SC-AK700-YELLOW	50700000004

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	15 A	-	10 A	24 A	
Rated Wire Size				min max	
	solid	AWG 30-12	-	AWG 30-12	0.5 mm <sup>2</sup> 4.0 mm <sup>2</sup>
	stranded	AWG 30-12	-	AWG 30-12	0.5 mm <sup>2</sup> 2.5 mm <sup>2</sup>
Torque	0.45 Nm		0.45 Nm 0.50 Nm		
Screw Size	M3		M3 M3		
Test Voltage	1.6 kV		1.6 kV 2.0 kV		