

# AK710/..-7.5-V-GREEN AKZ710/..-7.62-V-GREEN



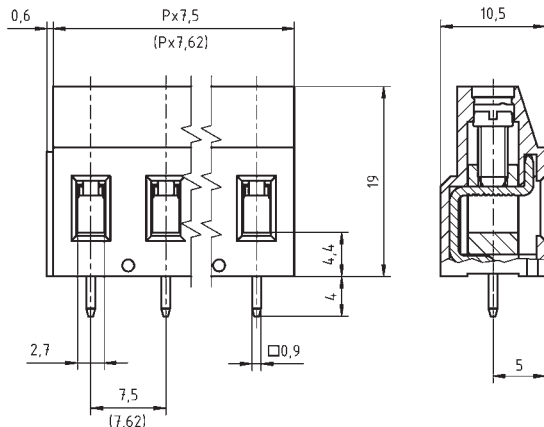
### Technical Data

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		BLACK, RAL 9011
	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 7.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.60	AK710/2-7.5-V-GREEN	50710020201E	100
3	23.10	AK710/3-7.5-V-GREEN	50710030201E	100
4	30.60	AK710/4-7.5-V-GREEN	50710040201E	100
5	38.10	AK710/5-7.5-V-GREEN	50710050201E	100
6	45.60	AK710/6-7.5-V-GREEN	50710060201D	50
7	53.10	AK710/7-7.5-V-GREEN	50710070201D	50
8	60.60	AK710/8-7.5-V-GREEN	50710080201D	50
9	68.10	AK710/9-7.5-V-GREEN	50710090201D	50
...	...	...	...	...
12	90.60	AK710/12-7.5-V-GREEN	50710120201D	50

### Order Data (Spacing 7.62 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.84	AKZ710/2-7.62-V-GREEN	50710020213E	100
3	23.46	AKZ710/3-7.62-V-GREEN	50710030213E	100
4	31.08	AKZ710/4-7.62-V-GREEN	50710040213E	100
5	38.70	AKZ710/5-7.62-V-GREEN	50710050213E	100
6	46.32	AKZ710/6-7.62-V-GREEN	50710060213D	50
7	53.94	AKZ710/7-7.62-V-GREEN	50710070213D	50
8	61.56	AKZ710/8-7.62-V-GREEN	50710080213D	50
9	69.18	AKZ710/9-7.62-V-GREEN	50710090213D	50
...	...	...	...	...
12	92.04	AKZ710/12-7.62-V-GREEN	50710120213D	50

### Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-7.5/7.62-L8.2-LIGHT GREY	50000000017
	Screw Cover SC-AK700-YELLOW	50700000004

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

### Ratings

Usegroup	cULus			VDE	
	B	C	D	750 V	
Rated Voltage	300 V	150 V	300 V	750 V	
Rated Current	20 A	20 A	10 A	24 A	
Rated Wire Size				min	max
	solid	AWG 30-12	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	AWG 30-12	0.5 mm <sup>2</sup> / 2.5 mm <sup>2</sup>
Torque	0.45 Nm			0.50 Nm	
Screw Size	M3			M3	
Test Voltage	1.6 kV	1.3 kV	1.6 kV	3.0 kV	