

## Technical Data // AK1550/..-3.5-GRÜN

Spacing 3.5 mm



### Wire sizes

Solid min	0.14 mm <sup>2</sup>
Solid max	1.5 mm <sup>2</sup>
Stranded (flexible) min	0.14mm <sup>2</sup>
Stranded (flexible) max	1.5 mm <sup>2</sup>
Stranded with Ferrule min	0.25 mm <sup>2</sup>
Stranded with Ferrule max	1.0 mm <sup>2</sup>

### Dimensions

Stripped Length	7.0 mm
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### Materials

Clamp	Brass
Screw	Bronze
Contact Spring	Bronze

### Insulating Material

Material	PA 6.6
Flammability Class	UL 94 V-0

### Temperatures

Operating Temperature (without mech. load)	-40 °C - 105 °C
Store Temperature	-40 °C - 105 °C

### Wave Soldering Process

Soldering Temperature, recommended	-
Peak Soldering Time, recommended	-

### Reflow Process

Soldering Temperature, recommended	-
Peak Soldering Time, recommended	-

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**Colours**



GREEN, RAL 6018

BLACK, RAL 9011

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.**Ratings**

					
UseGroup	B	C	D		
Rated Voltage	300 V	-	300 V	160 V	
Rated Current	8 A	-	8 A	8 A	
Overtoltage Category				III	
Rated Wire Size				min	max
- solid	AWG 28-16	-	AWG 28-16	0.5 mm <sup>2</sup> (6 A)	1.5 mm <sup>2</sup> (16 A)
- stranded	AWG 28-16	-	AWG 28-16	0.5 mm <sup>2</sup> (6 A)	1.5 mm <sup>2</sup> (16 A)
Torque	0.25 Nm	-	0.25 Nm	0.25 Nm	
Screw Size	M2	-	M2	M2	
Test Voltage	1.60 kV	-	1.60 kV	2.5 kV	
Pollution Degree				3	

**Counterparts (Spacing 3.5 mm)**

Pin Strip

STL1550

In combination of connectors with different admission data, the lower value is valid.

**Accessoires**

Figure	Designation	Article Number
	Series AK(Z)1550 with pull relief	Order Data: on request
	Bridge, 2-pole, BR/2-3.5/3.81-L7.5	Order Data: 50000000015
	Bridge, 3-pole, BR/3-3.5/3.81-L7.5	Order Data: 50000000016
	Bridge, 2-pole, insulated, BRI/2-7.0/7.62-L7.5-LIGHT GREY	Order Data: 50000000018
	Bridge, 2-pole, angled, BR/2-3.5/3.81-H-L7.5	Order Data: 50000000029



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Order Data (Spacing 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	7.00	AK1550/2-3.5-GREEN	51550020001 F	200
3	10.50	AK1550/3-3.5-GREEN	51550030001 F	200
4	14.00	AK1550/4-3.5-GREEN	51550040001 F	200
5	17.50	AK1550/5-3.5-GREEN	51550050001 F	200
6	21.00	AK1550/6-3.5-GREEN	51550060001 E	100
7	24.50	AK1550/7-3.5-GREEN	51550070001 E	100
8	28.00	AK1550/8-3.5-GREEN	51550080001 D	50
9	31.50	AK1550/9-3.5-GREEN	51550090001 D	50
10	35.00	AK1550/10-3.5-GREEN	51550100001 D	50
11	38.50	AK1550/11-3.5-GREEN	51550110001 D	50
12	42.00	AK1550/12-3.5-GREEN	51550120001 D	50
13	45.50	AK1550/13-3.5-GREEN	51550130001 D	50
14	49.00	AK1550/14-3.5-GREEN	51550140001 D	50
15	52.50	AK1550/15-3.5-GREEN	51550150001 D	50
16	56.00	AK1550/16-3.5-GREEN	51550160001 D	50
17	59.50	AK1550/17-3.5-GREEN	51550170001 D	50
18	63.00	AK1550/18-3.5-GREEN	51550180001 D	50
19	66.50	AK1550/19-3.5-GREEN	51550190001 D	50
20	70.00	AK1550/20-3.5-GREEN	51550200001 D	50

Technical drawing

