



### Highlights

2 to 20 poles

Lift type

Spacing 3.81 mm

Wire entry parallel to plugging direction

With fixing flange

Coding with coding nose

### Wire Sizes

Solid min	0.14 mm <sup>2</sup>
Solid max	1.5 mm <sup>2</sup>
Stranded (flexible) min	0.14 mm <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
Screw, flange	Steel
Contact spring	Bronze

### Insulating Material

Material	PA 6.6
Flammability class	UL 94 V-0

### Temperatures

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

### Wave Soldering Process

Soldering temperature, recommended	-
Peak soldering time, recommended	-



**Technical Data // AKZ1550/..F-3.81-GREEN**

Spacing 3.81 mm

**Reflow Process**

Soldering temperature, recommended -

Peak soldering time, recommended -

**Colours**

GREEN, RAL 6018

BLACK, RAL 9011

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	
Overvoltage 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> (8 A)
- stranded	AWG 28-16	-	AWG 28-16	0.5 mm <sup>2</sup> (6 A)	1.5 mm <sup>2</sup> (8 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 3.81 mm)**

Pin Strip

STLZ1550

STLZ1570

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

Spacing 3.81 mm

**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

**Order Data (Spacing 3.81 mm)**

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	17.22	AKZ1550/2F-3.81-GREEN	51550022025 F	200
3	21.03	AKZ1550/3F-3.81-GREEN	51550032025 F	200
4	24.84	AKZ1550/4F-3.81-GREEN	51550042025 F	200
5	28.65	AKZ1550/5F-3.81-GREEN	51550052025 F	200
6	32.46	AKZ1550/6F-3.81-GREEN	51550062025 E	100
7	36.27	AKZ1550/7F-3.81-GREEN	51550072025 D	50
8	40.08	AKZ1550/8F-3.81-GREEN	51550082025 D	50
9	43.89	AKZ1550/9F-3.81-GREEN	51550092025 D	50
10	47.70	AKZ1550/10F-3.81-GREEN	51550102025 D	50
11	51.51	AKZ1550/11F-3.81-GREEN	51550112025 D	50
12	55.32	AKZ1550/12F-3.81-GREEN	51550122025 D	50
13	59.13	AKZ1550/13F-3.81-GREEN	51550132025 D	50
14	62.94	AKZ1550/14F-3.81-GREEN	51550142025 D	50
15	66.75	AKZ1550/15F-3.81-GREEN	51550152025 D	50
16	70.56	AKZ1550/16F-3.81-GREEN	51550162025 D	50
17	74.37	AKZ1550/17F-3.81-GREEN	51550172025 D	50
18	78.18	AKZ1550/18F-3.81-GREEN	51550182025 D	50
19	81.99	AKZ1550/19F-3.81-GREEN	51550192025 D	50
20	85.80	AKZ1550/20F-3.81-GREEN	51550202025 D	50



Spacing 3.81 mm

Technical drawing

