



Highlights

2 to 20 poles

Lift type

Spacing 3.81 mm

Wire entry vertical to plugging direction

With fixing flange

Coding nose on wire entry side

Wire Sizes

Solid min	0.14 mm ²
Solid max	1.5 mm ²
Stranded (flexible) min	0.14 mm ²
Stranded (flexible) max	1.5 mm ²
Stranded with ferrule min	0.25 mm ²
Stranded with ferrule max	1.0 mm ²

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

Wave Soldering Process

Soldering temperature, recommended	-
Peak soldering time, recommended	-

Spacing 3.81 mm

Reflow Process

Soldering temperature, recommended -

Peak soldering time, recommended -

Colours

GREEN, RAL 6018

LIGHT GREY, RAL 7035

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 ² (6 A)	1.5 mm ² (8 A)
- stranded	AWG 28-16	-	AWG 28-16	0.5 mm ² (6 A)	1.5 mm ² (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	17.62	AKZ1700/2F-3.81-GREEN	51700022021 F	200
3	21.43	AKZ1700/3F-3.81-GREEN	51700032021 F	200
4	25.24	AKZ1700/4F-3.81-GREEN	51700042021 F	200
5	29.05	AKZ1700/5F-3.81-GREEN	51700052021 E	100
6	32.86	AKZ1700/6F-3.81-GREEN	51700062021 E	100
7	36.67	AKZ1700/7F-3.81-GREEN	51700072021 D	50
8	40.48	AKZ1700/8F-3.81-GREEN	51700082021 D	50
9	44.29	AKZ1700/9F-3.81-GREEN	51700092021 D	50
10	48.10	AKZ1700/10F-3.81-GREEN	51700102021 D	50
11	51.91	AKZ1700/11F-3.81-GREEN	51700112021 D	50
12	55.72	AKZ1700/12F-3.81-GREEN	51700122021 D	50
13	59.53	AKZ1700/13F-3.81-GREEN	51700132021 D	50
14	63.34	AKZ1700/14F-3.81-GREEN	51700142021 D	50
15	67.15	AKZ1700/15F-3.81-GREEN	51700152021 D	50
16	70.96	AKZ1700/16F-3.81-GREEN	51700162021 D	50
17	74.77	AKZ1700/17F-3.81-GREEN	51700172021 D	50
18	78.58	AKZ1700/18F-3.81-GREEN	51700182021 D	50
19	82.39	AKZ1700/19F-3.81-GREEN	51700192021 D	50
20	86.20	AKZ1700/20F-3.81-GREEN	51700202021 D	50



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Technical Data // **AKZ1700/..F-3.81-GREEN**

Spacing 3.81 mm

Technical drawing

