



Highlights

2 to 20 poles

Lift type

Spacing 3.5 mm

Wire entry vertical to plugging direction

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
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	-

Spacing 3.5 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	
Overtoltage 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	-	-	-	-	-
- stranded (flexible)	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 3.5 mm)

Pin Strip

STL1550

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

Spacing 3.5 mm

Accessoires

Figure	Designation	Article Number
	Series AK(Z)1700 with pull relief	Art.-Nr. on request
	Bridge, 2-pole, BR/2-3.5/3.81-L7.5	Art.-Nr. 5000000015
	Bridge, 3-pole, BR/3-3.5/3.81-L7.5	Art.-Nr. 5000000016
	Bridge, 2-pole, insulated, BRI/2-7.0/7.62-L7.5-LIGHT GREY	Art.-Nr. 5000000018
	Bridge, 2-pole, angled, BR/2-3.5/3.81-H-L7.5	Art.-Nr. 5000000029

Order Data (Spacing 3.5 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	7.00	AK1700/2-3.5-GREEN	51700020001 F	200
3	10.50	AK1700/3-3.5-GREEN	51700030001 F	200
4	14.00	AK1700/4-3.5-GREEN	51700040001 F	200
5	17.50	AK1700/5-3.5-GREEN	51700050001 F	200
6	21.00	AK1700/6-3.5-GREEN	51700060001 E	100
7	24.50	AK1700/7-3.5-GREEN	51700070001 E	100
8	28.00	AK1700/8-3.5-GREEN	51700080001 D	50
9	31.50	AK1700/9-3.5-GREEN	51700090001 D	50
10	35.00	AK1700/10-3.5-GREEN	51700100001 D	50
11	38.50	AK1700/11-3.5-GREEN	51700110001 D	50
12	42.00	AK1700/12-3.5-GREEN	51700120001 D	50
13	45.50	AK1700/13-3.5-GREEN	51700130001 D	50
14	49.00	AK1700/14-3.5-GREEN	51700140001 D	50
15	52.50	AK1700/15-3.5-GREEN	51700150001 D	50
16	56.00	AK1700/16-3.5-GREEN	51700160001 D	50
17	59.50	AK1700/17-3.5-GREEN	51700170001 D	50
18	63.00	AK1700/18-3.5-GREEN	51700180001 D	50
19	66.50	AK1700/19-3.5-GREEN	51700190001 D	50
20	70.00	AK1700/20-3.5-GREEN	51700200001 D	50



Spacing 3.5 mm

Technical drawing

