



Highlights

2 to 10 poles

Lift type

Spacing 7.62 mm

Wire entry parallel to plugging direction

Coding with coding nose

Max. 500 V

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

Wave Soldering Process

Soldering temperature, recommended	-
Peak soldering time, recommended	-

Spacing 7.62 mm

Reflow Process

Soldering temperature, recommended -

Peak soldering time, recommended -

Colours

BLACK, RAL 9011

GREEN, RAL 6018

LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions.
Special colours on request.

Ratings

	cULus			DVE	
UseGroup	B	C	D		
Rated voltage	300 V	150 V	300 V	500 V	
Rated current	8 A	8 A	-	8 A	
Overvoltage category				III	
Rated wire size				min	max
- solid	AWG 28-16	AWG 28-16	AWG 28-16	0.5 mm² (6 A)	1.5 mm² (8 A)
- stranded	AWG 28-16	AWG 28-16	AWG 28-16	0.5 mm² (6 A)	1.5 mm² (8 A)
Torque	0.25 Nm	0.25 Nm	0.25 Nm	0.25 Nm	
Screw size	M2	M2	M2	M2	
Test voltage	1.60 kV	1.30 kV	1.60 kV	6.0 kV	
Pollution degree				3	

Counterparts (Spacing 7.62 mm)

Pin Strip

STLZ1550 STLZ1570 STLZ1590

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

Accessoires

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-7.0/7.62-L7.5-LIGHT GREY	Order Data: 50000000018
	Series AK(Z)1550 with pull relief	Order Data: on request



PTR HARTMANN

A Phoenix Mecano Company

Technical Data // AKZ1550/..-7.62-GREEN

Spacing 7.62 mm

Order Data (Spacing 7.62 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	11.43	AKZ1550/2-7.62-GREEN	51550020065 E	100
3	19.05	AKZ1550/3-7.62-GREEN	51550030065 E	100
4	26.67	AKZ1550/4-7.62-GREEN	51550040065 E	100
5	34.29	AKZ1550/5-7.62-GREEN	51550050065 E	100
6	41.91	AKZ1550/6-7.62-GREEN	51550060065 D	50
7	49.53	AKZ1550/7-7.62-GREEN	51550070065 D	50
8	57.15	AKZ1550/8-7.62-GREEN	51550080065 D	50
9	64.77	AKZ1550/9-7.62-GREEN	51550090065 D	50
10	72.39	AKZ1550/10-7.62-GREEN	51550100065 D	50

Technical drawing

