



Highlights

2 to 10 poles

Lift type

Spacing 7.62 mm

Wire entry vertical to plugging direction

Max. 500 V

Coding with coding nose

Coding nose opposite to wire entry

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

LIGHT GREY, RAL 7035

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	-	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	0.5 mm² (6 A)	1.5 mm² (8 A)
- stranded	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	
Screw size	M2	-	M2	M2	
Test voltage	1.60 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)1710 with pull relief	Order Data: on request



PTR HARTMANN

A Phoenix Mecano Company

Technical Data // AKZ1710/..-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	AKZ1710/2-7.62-GREEN	51710020061 F	200
3	19.05	AKZ1710/3-7.62-GREEN	51710030061 F	200
4	26.67	AKZ1710/4-7.62-GREEN	51710040061 E	100
5	34.29	AKZ1710/5-7.62-GREEN	51710050061 E	100
6	41.91	AKZ1710/6-7.62-GREEN	51710060061 D	50
7	49.53	AKZ1710/7-7.62-GREEN	51710070061 D	50
8	57.15	AKZ1710/8-7.62-GREEN	51710080061 D	50
9	64.77	AKZ1710/9-7.62-GREEN	51710090061 D	50
10	72.39	AKZ1710/10-7.62-GREEN	51710100061 D	50

Technical drawing

