



Highlights

2 to 10 poles

Lift type

Spacing 7.62 mm

Wire entry vertical to plugging direction

With fixing flange

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
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

Spacing 7.62 mm

Wave Soldering Process

Soldering temperature, recommended	-
Peak soldering time, recommended	-

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

		C ^{UL} US		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 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	6.0 kV	
Pollution degree				3	

Counterparts (Spacing 7.62 mm)

Pin Strip

STLZ1550 STLZ1570

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/..F-7.62-GREEN

Spacing 7.62 mm

Order Data (Spacing 7.62 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	21.43	AKZ1710/2F-7.62-GREEN	51710022061 D	50
3	29.05	AKZ1710/3F-7.62-GREEN	51710032061 D	50
4	36.67	AKZ1710/4F-7.62-GREEN	51710042061 D	50
5	44.29	AKZ1710/5F-7.62-GREEN	51710052061 D	50
6	51.91	AKZ1710/6F-7.62-GREEN	51710062061 D	50
7	59.53	AKZ1710/7F-7.62-GREEN	51710072061 D	50
8	67.15	AKZ1710/8F-7.62-GREEN	51710082061 D	50
9	74.77	AKZ1710/9F-7.62-GREEN	51710092061 D	50
10	82.39	AKZ1710/10F-7.62-GREEN	51710102061 D	50

Technical drawing

