



Highlights

2 to 16 poles

Lift type

Spacing 7.62 mm

Wire entry parallel to plugging direction

Coding with coding star

With snap-in hooks to snap onto the pin strip

High current connector up to 16.0 A

Wire Sizes

Solid min	0.2 mm ²
Solid max	4.0 mm ²
Stranded (flexible) min	0.2 mm ²
Stranded (flexible) max	2.5 mm ²
Stranded with ferrule min	0.25 mm ²
Stranded with ferrule max	2.5 mm ²

Dimensions

Stripped length	6.0 mm
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Materials

Clamp	Brass
Screw	Steel
Contact spring	Copper Alloy

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

					
UseGroup	B	C	D		
Rated voltage	300 V	150 V	300 V	400 V	
Rated current	16 A	16 A	10 A	16 A	
Overvoltage category				III	
Rated wire size				min	max
- solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm² (5 A)	2.5 mm² (16 A)
- stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm² (5 A)	2.5 mm² (16 A)
Torque	0.50 Nm	0.50 Nm	0.50 Nm	0.50 Nm	
Screw size	M3	M3	M3	M3	
Test voltage	1.60 kV	1.30 kV	1.60 kV	4.0 kV	
Pollution degree				3	

Counterparts (Spacing 7.62 mm)

Pin Strip

STLZ960

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

Accessoires

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-7.5/7.62-L8.2-LIGHT GREY	Order Data: 50000000017
	Coding Star CS1-5.0/5.08-RED	Order Data: 50000000021
	Series AK(Z)960 with Separating Element	Order Data: on request
	Series AKZ960 with pull relief	Order Data: on request



Technical Data // AKZ960/..-7.62-GREEN-HC

PTR HARTMANN

A Phoenix Mecano Company

Spacing 7.62 mm

Order Data (Spacing 7.62 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	13.24	AKZ960/2-7.62-GREEN-HC	50960020029 E	100
3	20.86	AKZ960/3-7.62-GREEN-HC	50960030029 E	100
4	28.48	AKZ960/4-7.62-GREEN-HC	50960040029 E	100
5	36.10	AKZ960/5-7.62-GREEN-HC	50960050029 E	100
6	43.72	AKZ960/6-7.62-GREEN-HC	50960060029 D	50
7	51.34	AKZ960/7-7.62-GREEN-HC	50960070029 D	50
8	58.96	AKZ960/8-7.62-GREEN-HC	50960080029 D	50
9	66.58	AKZ960/9-7.62-GREEN-HC	50960090029 D	50
10	74.20	AKZ960/10-7.62-GREEN-HC	50960100029 D	50
11	81.82	AKZ960/11-7.62-GREEN-HC	50960110029 D	50
12	89.44	AKZ960/12-7.62-GREEN-HC	50960120029 D	50
13	97.06	AKZ960/13-7.62-GREEN-HC	50960130029 D	50
14	104.68	AKZ960/14-7.62-GREEN-HC	50960140029 D	50
15	112.30	AKZ960/15-7.62-GREEN-HC	50960150029 D	50
16	119.92	AKZ960/16-7.62-GREEN-HC	50960160029 D	50

Technical drawing

