

### 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

### Wire Sizes

Solid min 0.2 mm<sup>2</sup>

Solid max 4.0 mm<sup>2</sup>

Stranded (flexible) min 0.2 mm<sup>2</sup>

Stranded (flexible) max 2.5 mm<sup>2</sup>

Stranded with ferrule min 0.25 mm<sup>2</sup>

Stranded with ferrule max 2.5 mm<sup>2</sup>

### Dimensions

Stripped length 6.0 mm

### Materials

Clamp Brass

Screw Steel

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 -

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

Spacing 7.62 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	UL <sup>®</sup> US			VDE	
	B	C	D		
Rated voltage	300 V	150 V	300 V	400 V	
Rated current	15 A	15 A	10 A	12 A	
Overtoltage category				III	
Rated wire size				min	max
- solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm <sup>2</sup> (5 A)	2.5 mm <sup>2</sup> (12 A)
- stranded	-	-	-	-	-
- stranded (flexible)	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm <sup>2</sup> (5 A)	2.5 mm <sup>2</sup> (12 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	


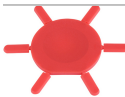


**Counterparts (Spacing 7.62 mm)**

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	Art.-Nr. 50000000017
	Coding Star CS1-5.0/5.08-RED	Art.-Nr. 50000000021
	Series AK(Z)960 with Separating Element	Art.-Nr. on request
	Series AKZ960 with pull relief	Art.-Nr. on request



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

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	50960020021 E	100
3	20.86	AKZ960/3-7.62-GREEN	50960030021 E	100
4	28.48	AKZ960/4-7.62-GREEN	50960040021 E	100
5	36.10	AKZ960/5-7.62-GREEN	50960050021 E	100
6	43.72	AKZ960/6-7.62-GREEN	50960060021 D	50
7	51.34	AKZ960/7-7.62-GREEN	50960070021 D	50
8	58.96	AKZ960/8-7.62-GREEN	50960080021 D	50
9	66.58	AKZ960/9-7.62-GREEN	50960090021 D	50
10	74.20	AKZ960/10-7.62-GREEN	50960100021 D	50
11	81.82	AKZ960/11-7.62-GREEN	50960110021 D	50
12	89.44	AKZ960/12-7.62-GREEN	50960120021 D	50
13	97.06	AKZ960/13-7.62-GREEN	50960130021 D	50
14	104.68	AKZ960/14-7.62-GREEN	50960140021 D	50
15	112.30	AKZ960/15-7.62-GREEN	50960150021 D	50
16	119.92	AKZ960/16-7.62-GREEN	50960160021 D	50

Technical drawing

