

### Technical Data

Wire sizes		Insulating Material	
Solid min	0.2 mm <sup>2</sup>	Material	PA 6.6
Solid max	4.0 mm <sup>2</sup>	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2mm <sup>2</sup>	<b>Temperatures</b>	
Stranded (flexible) max	2.5 mm <sup>2</sup>	Operating Temperature (without mech. load)	-40 °C - 105 °C
Stranded with Ferrule min	0.25 mm <sup>2</sup>	Store Temperature	-40 °C - 105 °C
Stranded with Ferrule max	2.5 mm <sup>2</sup>	<b>Wave Soldering Process</b>	
<b>Dimensions</b>		Soldering Temperature, recommended	-
Stripped Length	6.0 mm	Peak Soldering Time, recommended	-
<b>Materials</b>		<b>Reflow Process</b>	
Clamp	Brass	Soldering Temperature, recommended	-
Screw	Steel	Peak Soldering Time, recommended	-
Contact Spring	Bronze		

### Colours

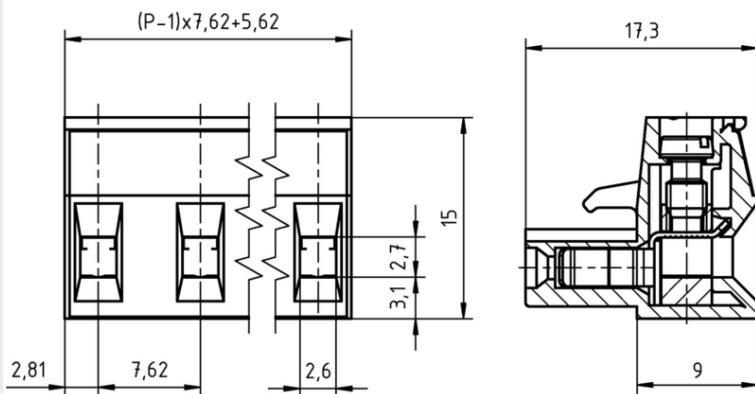
	GREEN, RAL 6018
	LIGHT GREY, RAL 7035
	LIGHT GREEN, similar RAL 6018

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

### Counterparts (Spacing 7.62 mm)

Pin Strip  
STLZ960

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



### Order Data (Spacing 7.62 mm)

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

### 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

### Ratings

UseGroup	C <sub>RU</sub> 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	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	