



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
Screw, flange	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	-

Reflow Process

Soldering temperature, recommended	-
Peak soldering time, recommended	-

Spacing 5.0 mm

Colours

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

	UL			VDE	
UseGroup	B	C	D		
Rated voltage	300 V	150 V	300 V		250 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 mm ² (5 A)	2.5 mm ² (16 A)
- stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² (5 A)	2.5 mm ² (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 5.0 mm)

Pin Strip

STL950 STL950-HC-HT

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

Accessoires

Figure	Designation	Article Number
	Series AK(Z)950 with pull relief	Order Data: on request
	Bridge, 2-pole, insulated, BRI/2-5.0/5.08-LIGHT GREY	Order Data: 50000000006
	Bridge, 3-pole, insulated, BRI/3-5.0/5.08-LIGHT GREY	Order Data: 50000000007
	Coding Star CS1-5.0/5.08-RED	Order Data: 50000000021
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	Order Data: 50000000008
	Series AK(Z)950 with Separating Element	Order Data: on request

**PTR HARTMANN**

A Phoenix Mecano Company

Technical Data // AK950/..F-5.0-GREEN-HC

Spacing 5.0 mm

Order Data (Spacing 5.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	20.00	AK950/2F-5.0-GREEN-HC	50950022009 F	200
3	25.00	AK950/3F-5.0-GREEN-HC	50950032009 F	200
4	30.00	AK950/4F-5.0-GREEN-HC	50950042009 F	200
5	35.00	AK950/5F-5.0-GREEN-HC	50950052009 E	100
6	40.00	AK950/6F-5.0-GREEN-HC	50950062009 E	100
7	45.00	AK950/7F-5.0-GREEN-HC	50950072009 E	100
8	50.00	AK950/8F-5.0-GREEN-HC	50950082009 D	50
9	55.00	AK950/9F-5.0-GREEN-HC	50950092009 D	50
10	60.00	AK950/10F-5.0-GREEN-HC	50950102009 D	50
11	65.00	AK950/11F-5.0-GREEN-HC	50950112009 D	50
12	70.00	AK950/12F-5.0-GREEN-HC	50950122009 D	50

Technical drawing