



Highlights

2 to 12 poles

Spacing 10.0 mm

Lift type

Wire entry parallel to plugging direction

Coding with coding star

With fixing flange

Max. 630 V

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
-----------------	--------

Materials

Clamp	Brass
Screw	Steel
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 10.0 mm

Wave Soldering Process

Soldering temperature, recommended	-
Peak soldering time, recommended	-

Reflow Process

Soldering temperature, recommended	-
Peak soldering time, recommended	-

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

					
UseGroup	B	C	D		
Rated voltage	300 V	150 V	300 V		630 V
Rated current	15 A	15 A	-		12 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 (12 A)
- stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² (5 A)	2.5 mm ² (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		6.0 kV
Pollution degree					3

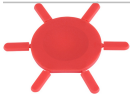
Counterparts (Spacing 10.0 mm)

Pin Strip

STL950

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

Accessoires

Figure	Designation	Article Number
	Coding Star CS1-5.0/5.08-RED	Order Data: 50000000021
	Series AK(Z)950 with Separating Element	Order Data: on request
	Series AK(Z)950 with pull relief	Order Data: on request



PTR HARTMANN

A Phoenix Mecano Company

Technical Data // AK950/..F-10.0-GREEN

Spacing 10.0 mm

Order Data (Spacing 10.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	25.00	AK950/2F-10.0-GREEN	50950022041 E	100
3	35.00	AK950/3F-10.0-GREEN	50950032041 E	100
4	45.00	AK950/4F-10.0-GREEN	50950042041 E	100
5	55.00	AK950/5F-10.0-GREEN	50950052041 D	50
6	65.00	AK950/6F-10.0-GREEN	50950062041 D	50
7	75.00	AK950/7F-10.0-GREEN	50950072041 D	50
8	85.00	AK950/8F-10.0-GREEN	50950082041 D	50
9	95.00	AK950/9F-10.0-GREEN	50950092041 D	50
10	105.00	AK950/10F-10.0-GREEN	50950102041 D	50
11	115.00	AK950/11F-10.0-GREEN	50950112041 D	50
12	125.00	AK950/12F-10.0-GREEN	50950122041 D	50

Technical drawing

