

Highlights

- 2 to 10 poles
- Spacing 10.0 mm
- Lift type
- Wire entry vertical to plugging direction
- Coding with coding star
- With snap-in hooks to snap onto the pin strip

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	7.0 mm
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Materials

Clamp	Brass
Screw	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

Wave Soldering Process

Soldering temperature, recommended	-
Peak soldering time, recommended	-

Spacing 10.0 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	250 V	
Rated current	15 A	15 A	-	12 A	
Overvoltage category				III	
Rated wire size				min	max
- solid	AWG 22-10	AWG 22-10	AWG 22-10	0.5 mm ²	2.5 mm ² (12 A)
- stranded	AWG 22-10	AWG 22-10	AWG 22-10	0.5 mm ²	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	4.0 kV	
Pollution degree				3	

* angelehnt an UL 1059 (XCFR2.E101811) und CSA 22.2 No. 158 (XCFR8.E101811)

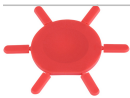
Counterparts (Spacing 10.0 mm)

Pin Strip

STL950 STL975

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)1100 with separating element	Order Data: on request
	Series AK(Z)1100 with pull relief	Order Data: on request



PTR HARTMANN

A Phoenix Mecano Company

Technical Data // AK1100/..-10.0-GREEN

Spacing 10.0 mm

Order Data (Spacing 10.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	15.00	AK1100/2-10.0-GREEN	51100020041 F	200
3	25.00	AK1100/3-10.0-GREEN	51100030041 E	100
4	35.00	AK1100/4-10.0-GREEN	51100040041 E	100
5	45.00	AK1100/5-10.0-GREEN	51100050041 D	50
6	55.00	AK1100/6-10.0-GREEN	51100060041 D	50
7	65.00	AK1100/7-10.0-GREEN	51100070041 D	50
8	75.00	AK1100/8-10.0-GREEN	51100080041 D	50
9	85.00	AK1100/9-10.0-GREEN	51100090041 D	50
10	95.00	AK1100/10-10.0-GREEN	51100100041 D	50

Technical drawing

