PTR HARTMANN
A Phoenix Mecano Company



Highlights	
2 to 16 poles	
Spacing 5.08 mm	
Excenter type	
Wire entry parallel to plugging direction	
Coding with coding star	
With snap-in hooks to snap onto the pin strip	
17 to 24 poles on request	
Wire Sizes	
Solid min	0.2 mm²
Solid max	4.0 mm²
Stranded (flexible) min	0.2 mm²
Stranded (flexible) max	2.5 mm²
Stranded with ferrule min	0.25 mm²
Stranded with ferrule max	2.5 mm²
Dimensions	
Stripped length	10.0 mm
Materials	
Screw	Steel
Contact spring	Bronze
Clamp cage	Steel
Excenter	Steel
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

Spacing 5.08 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

	c UL us			VDE	
UseGroup	B	C	D		
Rated voltage	300 V	150 V	300 V	250 V	
Rated current	15 A	15 A	10 A	12 A	
Overvoltage category				III	
Rated wire size				min	max
- solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm² (5 A)	2.5 mm² (12 A)
- stranded	-	-	-	-	-
- stranded (flexible)	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm² (5 A)	2.5 mm² (12 A)
Torque	0.50 Nm	0.50 Nm	0.50 Nm	0.50 Nm	
Screw size	M2.5	M2.5	M2.5	M2.5	
Test voltage	1.60 kV	1.30 kV	1.60 kV	4.0 kV	
Pollution degree				3	

Counterparts (Spacing 5.08 mm)

Pin Strip/Terminal Block

STLZ950	STLZ950-HT	STLZ950-G-HT	STLZ970	STLZ990	AKZ950	AKZS950

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

Accessoires

Figure	Designation	Article Number
	Coding Star CS4-5.0/5.08-RED	Art.-Nr. 50000000026
	Series AKZ1200 with pull relief	Art.-Nr. on request

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Spacing 5.08 mm

Order Data (Spacing 5.08 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	10.16	AKZ1200/2-5.08-GREEN	51200020021 D	50
3	15.24	AKZ1200/3-5.08-GREEN	51200030021 D	50
4	20.32	AKZ1200/4-5.08-GREEN	51200040021 D	50
5	25.40	AKZ1200/5-5.08-GREEN	51200050021 D	50
6	30.48	AKZ1200/6-5.08-GREEN	51200060021 D	50
7	35.56	AKZ1200/7-5.08-GREEN	51200070021 D	50
8	40.64	AKZ1200/8-5.08-GREEN	51200080021 D	50
9	45.72	AKZ1200/9-5.08-GREEN	51200090021 D	50
10	50.80	AKZ1200/10-5.08-GREEN	51200100021 D	50
11	55.88	AKZ1200/11-5.08-GREEN	51200110021 D	50
12	60.96	AKZ1200/12-5.08-GREEN	51200120021 D	50
13	66.04	AKZ1200/13-5.08-GREEN	51200130021 D	50
14	71.12	AKZ1200/14-5.08-GREEN	51200140021 D	50
15	76.20	AKZ1200/15-5.08-GREEN	51200150021 D	50
16	81.28	AKZ1200/16-5.08-GREEN	51200160021 D	50

Technical drawing

