Technical Data // AKZS950/..G-10.16-GREEN

Spacing 10.16 mm

PTR HARTMANN
A Phoenix Mecano Company



Highlights	
2 to 9 poles	
Lift type	
Wire entry vertical to plugging direction	
Coding with coding star	
For snapping onto TS 32/35	
PCB terminal block with pin strip	
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	6.0 mm
Materials	
Clamp	Brass
Screw	Steel
Contact tag	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	-

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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

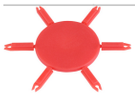
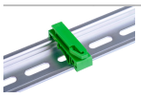
	c UL us			VDE	
UseGroup	B	C	D		
Rated voltage	300 V	150 V	300 V	250 V	
Rated current	15 A	15 A	-	12 A	
Overvoltage category				III	
Rated wire size				min	max
- solid	AWG 28-12	AWG 28-12	AWG 28-12	0.5 mm² (5 A)	2.5 mm² (12 A)
- stranded	AWG 28-12	AWG 28-12	AWG 28-12	0.5 mm² (5 A)	2.5 mm² (12 A)
Torque	0.45 Nm	0.45 Nm	0.45 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 10.16 mm)

Terminal Block			
AKZ950	AKZ1100	AKZ1110	AKZ1200

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

Accessoires

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-RED	Order Data: 50000000024
	Separating Element SE-STL950-GREEN	Order Data: 50950000002
	Mounting Rail Clip CLP-AKZS950-TS15/TS35	Order Data: 50950000005
	Mounting Rail Clip CLP-AKZS950-TS32/TS35	Order Data: 50950000006

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Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	16.76	AKZS950/2G-10.16-GREEN	50950027031 E	100
3	26.92	AKZS950/3G-10.16-GREEN	50950037031 E	100
4	37.08	AKZS950/4G-10.16-GREEN	50950047031 D	50
5	47.24	AKZS950/5G-10.16-GREEN	50950057031 D	50
6	57.40	AKZS950/6G-10.16-GREEN	50950067031 D	50
7	67.56	AKZS950/7G-10.16-GREEN	50950077031 D	50
8	77.72	AKZS950/8G-10.16-GREEN	50950087031 D	50
9	87.88	AKZS950/9G-10.16-GREEN	50950097031 D	50

Technical drawing

