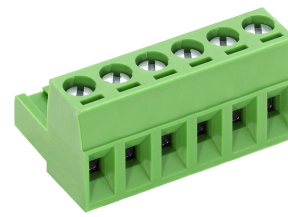


## AKZ950/..-10.16-GREEN







A Phoenix Mecano Brand

## Technical Data

Wire sizes		Insulating Material	
Solid min	0.2 mm <sup>2</sup>	Material	PA 6.6
Solid max	4.0 mm <sup>2</sup>	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2mm <sup>2</sup>	<b>Temperatures</b>	
Stranded (flexible) max	2.5 mm <sup>2</sup>	Operating Temperature (without mech. load)	-40 °C - 105 °C
Stranded with Ferrule min	0.25 mm <sup>2</sup>	Store Temperature	-40 °C - 105 °C
Stranded with Ferrule max	2.5 mm <sup>2</sup>	<b>Wave Soldering Process</b>	
<b>Dimensions</b>		Soldering Temperature, recommended	-
Stripped Length	6.0 mm	Peak Soldering Time, recommended	-
<b>Materials</b>		<b>Reflow Process</b>	
Clamp	Brass	Soldering Temperature, recommended	-
Screw	Steel	Peak Soldering Time, recommended	-
Contact Spring	Bronze		

## Colours

	BLACK, RAL 9011
	PEBBLE GREY, RAL 7032
	GREEN, RAL 6018
	LIGHT GREEN, similar RAL 6018

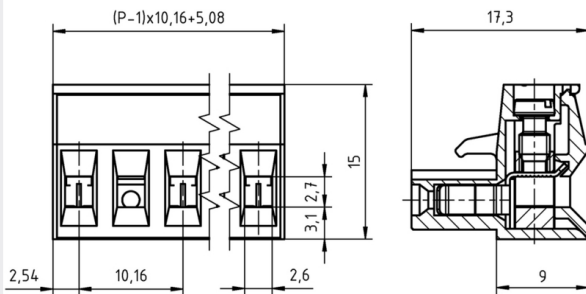
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

## Counterparts (Spacing 10.16 mm)

Pin Strip/Terminal Block

AKZ950	STLZ950	STLZ970	STLZ990
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In combination of connectors with different admission data, the lower value is valid.



## Order Data (Spacing 10.16 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.24	AKZ950/2-10.16-GREEN	50950020061 F	200
3	25.40	AKZ950/3-10.16-GREEN	50950030061 E	100
4	35.56	AKZ950/4-10.16-GREEN	50950040061 E	100
5	45.72	AKZ950/5-10.16-GREEN	50950050061 D	50
6	55.88	AKZ950/6-10.16-GREEN	50950060061 D	50
7	66.04	AKZ950/7-10.16-GREEN	50950070061 D	50
8	76.20	AKZ950/8-10.16-GREEN	50950080061 D	50
9	86.36	AKZ950/9-10.16-GREEN	50950090061 D	50
10	96.52	AKZ950/10-10.16-GREEN	50950100061 D	50
11	106.68	AKZ950/11-10.16-GREEN	50950110061 D	50
12	116.84	AKZ950/12-10.16-GREEN	50950120061 D	50

## 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

## Ratings

UseGroup	UL US			VDE	
	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 <sup>2</sup> (5 A)	2.5 mm <sup>2</sup> (12 A)
- stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm <sup>2</sup> (5 A)	2.5 mm <sup>2</sup> (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	