

## AKZS950/..G-10.16-GREEN



## 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	0.2 mm <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 Tag	Copper Alloy		

## Colours

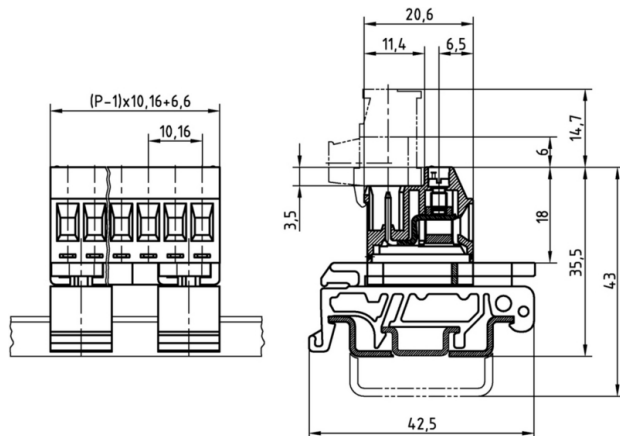
	GREEN, RAL 6018
	LIGHT GREEN, similar RAL 6018

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

## Counterparts (Spacing 10.16 mm)

Terminal Block			
AKZ950	AKZ1100	AKZ1110	AKZ1200

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	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

## 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

## Ratings

UseGroup	C <sub>RU</sub> US			VDE	
	B	C	D		
Rated Voltage	300 V	150 V	300 V	250 V	
Rated Current	15 A	15 A	-	12 A	
Overtoltage Category				III	
Rated Wire Size				min	max
- solid	AWG 28-12	AWG 28-12	AWG 28-12	0.5 mm <sup>2</sup> (5 A)	2.5 mm <sup>2</sup> (12 A)
- stranded	AWG 28-12	AWG 28-12	AWG 28-12	0.5 mm <sup>2</sup> (5 A)	2.5 mm <sup>2</sup> (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	