



AK950/..-5.0-GREEN-HC AKZ950/..-5.08-GREEN-HC

Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	4.0 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min		Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Screw	Steel		
Contact Spring	Copper Alloy		

Colours

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

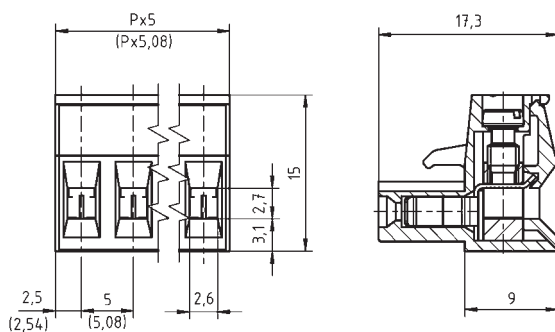
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Pin Strip
STL950

Counterparts (Spacing 5.08 mm)

Pin Strip
STLZ950



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	AK950/2-5.0-GREEN-HC	50950020009F	200
3	15.00	AK950/3-5.0-GREEN-HC	50950030009F	200
4	20.00	AK950/4-5.0-GREEN-HC	50950040009F	200
5	25.00	AK950/5-5.0-GREEN-HC	50950050009E	100
6	30.00	AK950/6-5.0-GREEN-HC	50950060009E	100
7	35.00	AK950/7-5.0-GREEN-HC	50950070009E	100
8	40.00	AK950/8-5.0-GREEN-HC	50950080009D	50
9	45.00	AK950/9-5.0-GREEN-HC	50950090009D	50
...
12	60.00	AK950/12-5.0-GREEN-HC	50950120009D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.16	AKZ950/2-5.08-GREEN-HC	50950020029F	200
3	15.24	AKZ950/3-5.08-GREEN-HC	50950030029F	200
4	20.32	AKZ950/4-5.08-GREEN-HC	50950040029F	200
5	25.40	AKZ950/5-5.08-GREEN-HC	50950050029E	100
6	30.48	AKZ950/6-5.08-GREEN-HC	50950060029E	100
7	35.56	AKZ950/7-5.08-GREEN-HC	50950070029E	100
8	40.64	AKZ950/8-5.08-GREEN-HC	50950080029D	50
9	45.72	AKZ950/9-5.08-GREEN-HC	50950090029D	50
...
12	60.96	AKZ950/12-5.08-GREEN-HC	50950120029D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BR/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008
	Coding Star CS1-5.0/5.08-RED	50000000021
	Series AK(Z)950 with separating element	on request
	Series AK(Z)950 with pull relief	on request

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	c RALUS			VDE	
	B	C	D	III	
Rated Voltage	300 V	150 V	300 V	250 V	
Rated Current	16 A	16 A	10 A	16 A	
Overvoltage Category				III	
Rated Wire Size			min		max
	solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² (5 A) 2.5 mm ² (16 A)
	stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² (5 A) 2.5 mm ² (16 A)
Torque	0.50 Nm	0.50 Nm	0.50 Nm	0.50 Nm	
Screw Size	M3	M3	M3	M3	
Test Voltage	1.6 kV	1.3 kV	1.6 kV	4.0 kV	
Pollution Degree				3	