

AK1100/..-5.0-GREEN AKZ1100/..-5.08-GREEN



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	0.2 mm ²	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	-
		Peak Soldering Time, recommended	-
Dimensions		Reflow Process	
Stripped Length	7.0 mm	Soldering Temperature, recommended	-
PCB Hole Diameter	-	Peak Soldering Time, recommended	-
Materials			
Clamp	Brass		
Screw	Steel		
Contact Spring	Bronze		

Colours

	GREEN, RAL 6018		LIGHT GREY, RAL 7035
	LIGHT GREEN, similar RAL 6018		

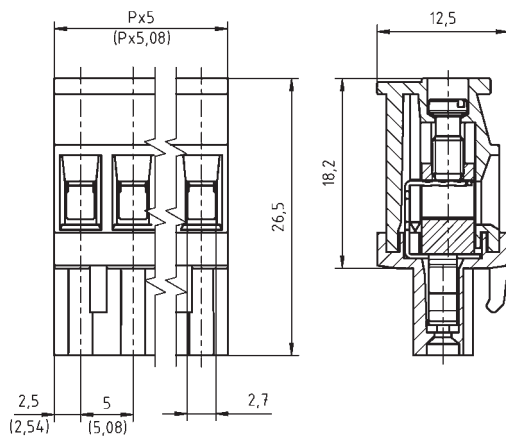
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.0 mm)

Pin Strip		
STL950	STL955	STL975

Counterparts (Spacing 5.08 mm)

Pin Strip / Terminal Block				
STL950	STL970	STL990	AKZ950	AKZ950



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	AK1100/2-5.0-GREEN	51100020021F	200
3	15.00	AK1100/3-5.0-GREEN	51100030021F	200
4	20.00	AK1100/4-5.0-GREEN	51100040021E	100
5	25.00	AK1100/5-5.0-GREEN	51100050021E	100
6	30.00	AK1100/6-5.0-GREEN	51100060021E	100
7	35.00	AK1100/7-5.0-GREEN	51100070021E	100
8	40.00	AK1100/8-5.0-GREEN	51100080021D	50
9	45.00	AK1100/9-5.0-GREEN	51100090021D	50
...
20	100.00	AK1100/20-5.0-GREEN	51100200021D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.16	AKZ1100/2-5.08-GREEN	51100020001F	200
3	15.24	AKZ1100/3-5.08-GREEN	51100030001F	200
4	20.32	AKZ1100/4-5.08-GREEN	51100040001E	100
5	25.40	AKZ1100/5-5.08-GREEN	51100050001E	100
6	30.48	AKZ1100/6-5.08-GREEN	51100060001E	100
7	35.56	AKZ1100/7-5.08-GREEN	51100070001E	100
8	40.64	AKZ1100/8-5.08-GREEN	51100080001D	50
9	45.72	AKZ1100/9-5.08-GREEN	51100090001D	50
...
16	81.28	AKZ1100/16-5.08-GREEN	51100160001D	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)1100 with separating element	on request
	Series AK(Z)1100 with pull relief	on request

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

Ratings

Usegroup	UL US			VDE	
	B	C	D		
Rated Voltage	300 V	150 V	300 V	250 V	
Rated Current	15 A	15 A	10 A	10 A	
Overtoltage Category				III	
Rated Wire Size				min	max
	solid	AWG 22-10	AWG 22-10	AWG 22-10	0.5 mm ² (6 A) 2.5 mm ² (10 A)
	stranded	AWG 22-10	AWG 22-10	AWG 22-10	0.5 mm ² (6 A) 2.5 mm ² (10 A)
Torque	0.50 Nm		0.50 Nm	0.50 Nm	
Screw Size	M3		M3	M3	
Test Voltage	1.6 kV		1.3 kV	1.6 kV 4.0 kV	
Pollution Degree	3				