

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	0.2mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Store Temperature	-40 °C - 105 °C
Stranded with Ferrule max	2.5 mm ²	Wave Soldering Process	
Dimensions		Soldering Temperature, recommended	-
Stripped Length	7.0 mm	Peak Soldering Time, recommended	-
Materials		Reflow Process	
Clamp	Brass	Soldering Temperature, recommended	-
Screw	Steel	Peak Soldering Time, recommended	-
Contact Spring	Bronze		

Colours

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

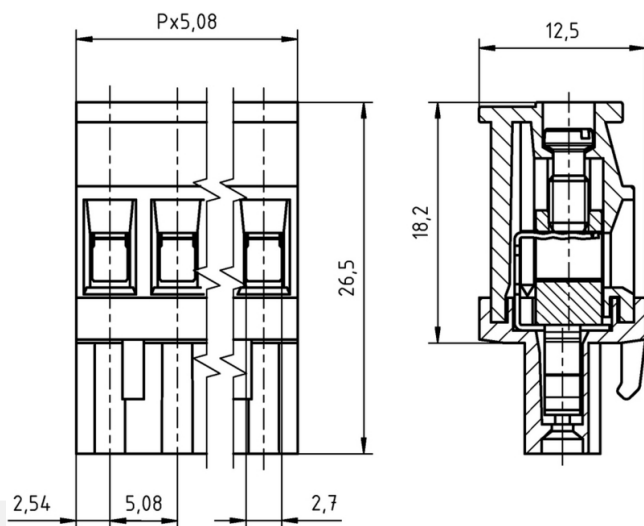
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 5.08 mm)

Pin Strip/Terminal Block

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



Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.16	AKZ1100/2-5.08-GREEN	51100020001 F	200
3	15.24	AKZ1100/3-5.08-GREEN	51100030001 F	200
4	20.32	AKZ1100/4-5.08-GREEN	51100040001 E	100
5	25.40	AKZ1100/5-5.08-GREEN	51100050001 E	100
6	30.48	AKZ1100/6-5.08-GREEN	51100060001 E	100
7	35.56	AKZ1100/7-5.08-GREEN	51100070001 E	100
8	40.64	AKZ1100/8-5.08-GREEN	51100080001 D	50
9	45.72	AKZ1100/9-5.08-GREEN	51100090001 D	50
10	50.80	AKZ1100/10-5.08-GREEN	51100100001 D	50
11	55.88	AKZ1100/11-5.08-GREEN	51100110001 D	50
12	60.96	AKZ1100/12-5.08-GREEN	51100120001 D	50
13	66.04	AKZ1100/13-5.08-GREEN	51100130001 D	50
14	71.12	AKZ1100/14-5.08-GREEN	51100140001 D	50
15	76.20	AKZ1100/15-5.08-GREEN	51100150001 D	50
16	81.28	AKZ1100/16-5.08-GREEN	51100160001 D	50

Accessoires

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-5.0/5.08-LIGHT GREY	Art.-Nr. 50000000006
	Bridge, 3-pole, insulated, BRI/3-5.0/5.08-LIGHT GREY	Art.-Nr. 50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	Art.-Nr. 50000000008
	Coding Star CS1-5.0/5.08-RED	Art.-Nr. 50000000021
	Series AK(Z)1100 with separating element	Art.-Nr. on request
	Series AK(Z)1100 with pull relief	Art.-Nr. on request

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

Ratings

UseGroup	cRU [®] 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	
Overvoltage 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	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	