

AKZ950/..-5.08-GREEN



A Phoenix Mecano Brand

Technical Data

Wire sizes		Insulating Material	
Solid min	0.2 mm²	Material	PA 6.6
Solid max	4.0 mm²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2mm²	Temperatures	
Stranded (flexible) max	2.5 mm²		
Stranded with Ferrule min	0.25 mm²		
Stranded with Ferrule max	2.5 mm²	Operating Temperature (without mech. load)	-40 °C - 105 °C
Dimensions		Store Temperature	-40 °C - 105 °C
		Wave Soldering Process	
		Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
		Reflow Process	
		Soldering Temperature, recommended	-
Clamp	Brass	Peak Soldering Time, recommended	-
Screw	Steel		
Contact Spring	Bronze		

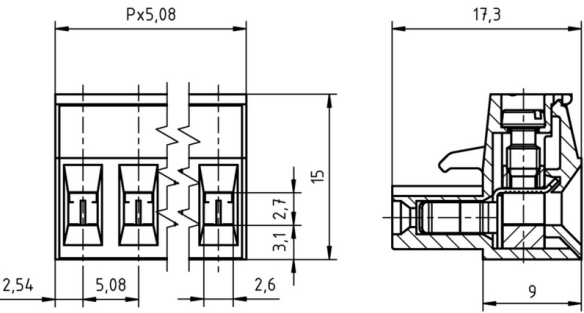
Colours

	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 5.08 mm)

Pin Strip/Terminal Block						
STLZ950	STLZ950-HT	STLZ950-G-HT	STLZ970	STLZ990	AKZ950	AKZ5950
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	AKZ950/2-5.08-GREEN	50950020021 F	200
3	15.24	AKZ950/3-5.08-GREEN	50950030021 F	200
4	20.32	AKZ950/4-5.08-GREEN	50950040021 F	200
5	25.40	AKZ950/5-5.08-GREEN	50950050021 E	100
6	30.48	AKZ950/6-5.08-GREEN	50950060021 E	100
7	35.56	AKZ950/7-5.08-GREEN	50950070021 E	100
8	40.64	AKZ950/8-5.08-GREEN	50950080021 D	50
9	45.72	AKZ950/9-5.08-GREEN	50950090021 D	50
10	50.80	AKZ950/10-5.08-GREEN	50950100021 D	50
11	55.88	AKZ950/11-5.08-GREEN	50950110021 D	50
...	...	...	...	...
18	91.44	AKZ950/18-5.08-GREEN	50950180021 D	50
19	96.52	AKZ950/19-5.08-GREEN	50950190021 D	50
20	101.60	AKZ950/20-5.08-GREEN	50950200021 D	50
21	106.68	AKZ950/21-5.08-GREEN	50950210021 D	50
22	111.76	AKZ950/22-5.08-GREEN	50950220021 D	50
23	116.84	AKZ950/23-5.08-GREEN	50950230021 D	50
24	121.92	AKZ950/24-5.08-GREEN	50950240021 D	50

Accessoires

Figure	Designation	Article Number
	Series AK(Z)950 with pull relief	Order Data: on request
	Bridge, 2-pole, insulated, BRI/2-5.0/5.08-LIGHT GREY	Order Data: 500000000006
	Bridge, 3-pole, insulated, BRI/3-5.0/5.08-LIGHT GREY	Order Data: 500000000007
	Coding Star CS1-5.0/5.08-RED	Order Data: 500000000021
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	Order Data: 500000000008
	Series AK(Z)950 with Separating Element	Order Data: on request

Ratings

UseGroup	B	C	D		
Rated Voltage	300 V	150 V	300 V	250 V	
Rated Current	15 A	15 A	10 A	12 A	
Overvoltage Category					III
Rated Wire Size				min	max
- solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm² (5 A)	2.5 mm² (12 A)
- stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm² (5 A)	2.5 mm² (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	4.0 kV	
Pollution Degree					3