

Highlights

- 2 to 24 poles
- Horizontal pin strip
- Spacing 5.08 mm
- With fixing flange
- Double tier pin strip

Wire Sizes

Solid min	-
Solid max	-
Stranded (flexible) min	-
Stranded (flexible) max	-
Stranded with ferrule min	-
Stranded with ferrule max	-

Dimensions

PCB hole diameter	1.4 mm
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Materials

Thread insert, flange	Brass
Contact pin	Copper Alloy

Insulating Material

Material	PBT
Flammability class	UL 94 V-0

Temperatures

Operating temperature	-40 °C (without mech. load) - 105 °C
Store temperature	-40 °C - 105 °C

Wave Soldering Process

Soldering temperature, recommended	260 °C
Peak soldering time, recommended	3-4 s

Reflow Process

Soldering temperature, recommended	-
Peak soldering time, recommended	-

Spacing 5.08 mm



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.

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
Test voltage	1.60 kV	1.30 kV	1.60 kV	4.0 kV
Pollution degree				3

Counterparts (Spacing 5.08 mm)



Terminal Block

AKZ950

AKZ1110

In combination of connectors with different admission data, the lower value is valid.

Accessoires

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-RED	Art.-Nr. 50000000024
	Separating Element SE-STL950-GREEN	Art.-Nr. 50950000002

Order Data (Spacing 5.08 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	22.86	STLZ970/2F-5.08-H-GREEN	50970026021 D	50
3	27.94	STLZ970/3F-5.08-H-GREEN	50970036021 D	50
4	33.02	STLZ970/4F-5.08-H-GREEN	50970046021 D	50
5	38.10	STLZ970/5F-5.08-H-GREEN	50970056021 D	50
6	43.18	STLZ970/6F-5.08-H-GREEN	50970066021 D	50
7	48.26	STLZ970/7F-5.08-H-GREEN	50970076021 D	50
8	53.34	STLZ970/8F-5.08-H-GREEN	50970086021 D	50
9	58.42	STLZ970/9F-5.08-H-GREEN	50970096021 D	50
10	63.50	STLZ970/10F-5.08-H-GREEN	50970106021 D	50
11	68.58	STLZ970/11F-5.08-H-GREEN	50970116021 D	50
12	73.66	STLZ970/12F-5.08-H-GREEN	50970126021 D	50



Technical Data // **STLZ970/..F-5.08-H-GREEN**

Spacing 5.08 mm

Technical drawing

