Technical Data // STL950/..G-5.0-H-GREEN

Spacing 5.0 mm

PTR HARTMANN
A Phoenix Mecano Company



Highlights	
2 to 24 poles	
Horizontal pin strip	
Spacing 5.0 mm	
Closed ends	
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
Materials	
Contact pin	Copper Alloy
Insulating Material	
Material	PA 6.6
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	-

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Colours

GREEN, RAL 6018

BLACK, RAL 9011

BASALT GREY, RAL 7012

PEBBLE GREY, RAL 7032

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.

Ratings

		c UL us		VDE
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

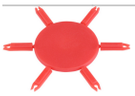
Counterparts (Spacing 5.0 mm)

Terminal Block

AK950	AK955	AK1100	AK1110	AK1200	AK3950

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

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Order Data (Spacing 5.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	11.20	STL950/2G-5.0-H-GREEN	50950025001 F	200
3	16.20	STL950/3G-5.0-H-GREEN	50950035001 F	200
4	21.20	STL950/4G-5.0-H-GREEN	50950045001 F	200
5	26.20	STL950/5G-5.0-H-GREEN	50950055001 E	100
6	31.20	STL950/6G-5.0-H-GREEN	50950065001 E	100
7	36.20	STL950/7G-5.0-H-GREEN	50950075001 E	100
8	41.20	STL950/8G-5.0-H-GREEN	50950085001 D	50
9	46.20	STL950/9G-5.0-H-GREEN	50950095001 D	50
10	51.20	STL950/10G-5.0-H-GREEN	50950105001 D	50
11	56.20	STL950/11G-5.0-H-GREEN	50950115001 D	50
12	61.20	STL950/12G-5.0-H-GREEN	50950125001 D	50
13	66.20	STL950/13G-5.0-H-GREEN	50950135001 D	50
14	71.20	STL950/14G-5.0-H-GREEN	50950145001 D	50
15	76.20	STL950/15G-5.0-H-GREEN	50950155001 D	50
16	81.20	STL950/16G-5.0-H-GREEN	50950165001 D	50
17	86.20	STL950/17G-5.0-H-GREEN	50950175001 D	50
18	91.20	STL950/18G-5.0-H-GREEN	50950185001 D	50
19	96.20	STL950/19G-5.0-H-GREEN	50950195001 D	50
20	101.20	STL950/20G-5.0-H-GREEN	50950205001 D	50
21	106.20	STL950/21G-5.0-H-GREEN	50950215001 D	50
22	111.20	STL950/22G-5.0-H-GREEN	50950225001 D	50
23	116.20	STL950/23G-5.0-H-GREEN	50950235001 D	50
24	121.20	STL950/24G-5.0-H-GREEN	50950245001 D	50

Spacing 5.0 mm

Technical drawing

