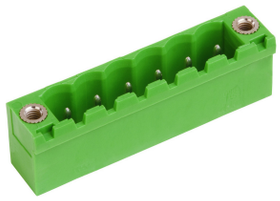
PTR HARTMANN
A Phoenix Mecano Company



Highlights	
2 to 24 poles	
Vertical pin strip	
Spacing 5.0 mm	
With fixing flange	
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	
Thread insert, flange	Brass
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	-

Spacing 5.0 mm

Colours

GREEN, RAL 6018

BASALT GREY, RAL 7012

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

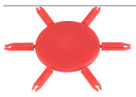
Counterparts (Spacing 5.0 mm)

Terminal Block

AK950	AK1200	AK4951

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

Accessoires

Figure	Designation	Article Number
	Coding Star CS3-5.0/5.08-RED | 2-6 poles	Art.-Nr. 50000000025
	Coding Star CS2-5.0/5.08-RED | 7-24 poles	Art.-Nr. 50000000024
	Separating Element SE-STL950-GREEN	Art.-Nr. 50950000002

Spacing 5.0 mm

Order Data (Spacing 5.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	20.00	STL950/2F-5.0-V-GREEN	50950026101 E	100
3	25.00	STL950/3F-5.0-V-GREEN	50950036101 E	100
4	30.00	STL950/4F-5.0-V-GREEN	50950046101 E	100
5	35.00	STL950/5F-5.0-V-GREEN	50950056101 E	100
6	40.00	STL950/6F-5.0-V-GREEN	50950066101 D	50
7	45.00	STL950/7F-5.0-V-GREEN	50950076101 D	50
8	50.00	STL950/8F-5.0-V-GREEN	50950086101 D	50
9	55.00	STL950/9F-5.0-V-GREEN	50950096101 D	50
10	60.00	STL950/10F-5.0-V-GREEN	50950106101 D	50
11	65.00	STL950/11F-5.0-V-GREEN	50950116101 D	50
12	70.00	STL950/12F-5.0-V-GREEN	50950126101 D	50
13	75.00	STL950/13F-5.0-V-GREEN	50950136101 D	50
14	80.00	STL950/14F-5.0-V-GREEN	50950146101 D	50
15	85.00	STL950/15F-5.0-V-GREEN	50950156101 D	50
16	90.00	STL950/16F-5.0-V-GREEN	50950166101 D	50
17	95.00	STL950/17F-5.0-V-GREEN	50950176101 D	50
18	100.00	STL950/18F-5.0-V-GREEN	50950186101 D	50
19	105.00	STL950/19F-5.0-V-GREEN	50950196101 D	50
20	110.00	STL950/20F-5.0-V-GREEN	50950206101 D	50
21	115.00	STL950/21F-5.0-V-GREEN	50950216101 D	50
22	120.00	STL950/22F-5.0-V-GREEN	50950226101 D	50
23	125.00	STL950/23F-5.0-V-GREEN	50950236101 D	50
24	130.00	STL950/24F-5.0-V-GREEN	50950246101 D	50

Spacing 5.0 mm

Technical drawing

