

Highlights

2 to 24 poles

Vertical pin strip

Spacing 5.0 mm

Total pin length 12.5 mm

Various pin lengths available

Wire Sizes

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

Dimensions

PCB hole diameter	1.5 mm
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Materials

Contact pin	Brass
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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	-



Technical Data // **STL130/..-5.0-V-BLACK**

Spacing 5.0 mm

Colours

BLACK, RAL 9011

LIGHT GREY, RAL 7035

GREEN, RAL 6018

ORANGE, RAL 2011

RED, RAL 3003



BLUE, RAL 5015

YELLOW, RAL 1018

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	10 A	10 A	10 A	7 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

AK130

AK4150

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

**Technical Data // STL130/..-5.0-V-BLACK**

Spacing 5.0 mm

Order Data (Spacing 5.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	STL130/2-5.0-V-BLACK	50130025001 H	500
3	15.00	STL130/3-5.0-V-BLACK	50130035001 H	500
4	20.00	STL130/4-5.0-V-BLACK	50130045001 H	500
5	25.00	STL130/5-5.0-V-BLACK	50130055001 G	250
6	30.00	STL130/6-5.0-V-BLACK	50130065001 G	250
7	35.00	STL130/7-5.0-V-BLACK	50130075001 G	250
8	40.00	STL130/8-5.0-V-BLACK	50130085001 E	100
9	45.00	STL130/9-5.0-V-BLACK	50130095001 E	100
10	50.00	STL130/10-5.0-V-BLACK	50130105001 E	100
11	55.00	STL130/11-5.0-V-BLACK	50130115001 E	100
12	60.00	STL130/12-5.0-V-BLACK	50130125001 E	100
13	65.00	STL130/13-5.0-V-BLACK	50130135001 E	100
14	70.00	STL130/14-5.0-V-BLACK	50130145001 E	100
15	75.00	STL130/15-5.0-V-BLACK	50130155001 E	100
16	80.00	STL130/16-5.0-V-BLACK	50130165001 E	100
17	85.00	STL130/17-5.0-V-BLACK	50130175001 D	50
18	90.00	STL130/18-5.0-V-BLACK	50130185001 D	50
19	95.00	STL130/19-5.0-V-BLACK	50130195001 D	50
20	100.00	STL130/20-5.0-V-BLACK	50130205001 D	50
21	105.00	STL130/21-5.0-V-BLACK	50130215001 D	50
22	110.00	STL130/22-5.0-V-BLACK	50130225001 D	50
23	115.00	STL130/23-5.0-V-BLACK	50130235001 D	50
24	120.00	STL130/24-5.0-V-BLACK	50130245001 D	50



PTR HARTMANN

A Phoenix Mecano Company

Technical Data // **STL130/..-5.0-V-BLACK**

Spacing 5.0 mm

Technical drawing

