



Highlights

2 to 24 poles

Horizontal pin strip

Spacing 5.0 mm

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

Materials

Contact pin Brass

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 // STL140/..-5.0-H-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	-	300 V	250 V
Rated current	10 A	-	10 A	7 A
Overvoltage category				III
Test voltage	1.60 kV	-	1.60 kV	4.0 kV
Pollution degree				3

Counterparts (Spacing 5.0 mm)

Terminal Block

AK130

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



Spacing 5.0 mm

Order Data (Spacing 5.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	10.00	STL140/2-5.0-H-BLACK	50140025001 H	500
3	15.00	STL140/3-5.0-H-BLACK	50140035001 H	500
4	20.00	STL140/4-5.0-H-BLACK	50140045001 H	500
5	25.00	STL140/5-5.0-H-BLACK	50140055001 G	250
6	30.00	STL140/6-5.0-H-BLACK	50140065001 G	250
7	35.00	STL140/7-5.0-H-BLACK	50140075001 G	250
8	40.00	STL140/8-5.0-H-BLACK	50140085001 E	100
9	45.00	STL140/9-5.0-H-BLACK	50140095001 E	100
10	50.00	STL140/10-5.0-H-BLACK	50140105001 E	100
11	55.00	STL140/11-5.0-H-BLACK	50140115001 E	100
12	60.00	STL140/12-5.0-H-BLACK	50140125001 E	100
13	65.00	STL140/13-5.0-H-BLACK	50140135001 E	100
14	70.00	STL140/14-5.0-H-BLACK	50140145001 E	100
15	75.00	STL140/15-5.0-H-BLACK	50140155001 E	100
16	80.00	STL140/16-5.0-H-BLACK	50140165001 E	100
17	85.00	STL140/17-5.0-H-BLACK	50140175001 D	50
18	90.00	STL140/18-5.0-H-BLACK	50140185001 D	50
19	95.00	STL140/19-5.0-H-BLACK	50140195001 D	50
20	100.00	STL140/20-5.0-H-BLACK	50140205001 D	50
21	105.00	STL140/21-5.0-H-BLACK	50140215001 D	50
22	110.00	STL140/22-5.0-H-BLACK	50140225001 D	50
23	115.00	STL140/23-5.0-H-BLACK	50140235001 D	50
24	120.00	STL140/24-5.0-H-BLACK	50140245001 D	50



PTR HARTMANN

A Phoenix Mecano Company

Technical Data // **STL140/..-5.0-H-BLACK**

Spacing 5.0 mm

Technical drawing

