

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 |
|-------------------|--------|

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 // **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 |



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

Spacing 5.0 mm

Technical drawing

