



Highlights

2 to 20 poles

Horizontal pin strip

Spacing 3.5 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 1.2 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 (without mech. load) -40 °C - 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 3.5 mm

Colours

BASALT GREY, RAL 7012

GREEN, RAL 6018

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	160 V
Rated current	10 A	-	10 A	10 A
Overvoltage category				III
Test voltage	1.60 kV	-	1.60 kV	2.5 kV
Pollution degree				3

Counterparts (Spacing 3.5 mm)

Terminal Block

AK4551

AK4561

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

Accessoires

Figure	Designation	Article Number
	Coding Star CS1-3.5/3.81-RED	Order Data: 50000000023



Technical Data // STL1550/..F-3.5-H-BASALTGREY

PTR HARTMANN

A Phoenix Mecano Company

Spacing 3.5 mm

Order Data (Spacing 3.5 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	17.30	STL1550/2F-3.5-H-BASALTGREY	51550026255 E	100
3	20.80	STL1550/3F-3.5-H-BASALTGREY	51550036255 E	100
4	24.30	STL1550/4F-3.5-H-BASALTGREY	51550046255 E	100
5	27.80	STL1550/5F-3.5-H-BASALTGREY	51550056255 D	50
6	31.30	STL1550/6F-3.5-H-BASALTGREY	51550066255 D	50
7	34.80	STL1550/7F-3.5-H-BASALTGREY	51550076255 D	50
8	38.30	STL1550/8F-3.5-H-BASALTGREY	51550086255 D	50
9	41.80	STL1550/9F-3.5-H-BASALTGREY	51550096255 D	50
10	45.30	STL1550/10F-3.5-H-BASALTGREY	51550106255 D	50
11	48.80	STL1550/11F-3.5-H-BASALTGREY	51550116255 D	50
12	52.30	STL1550/12F-3.5-H-BASALTGREY	51550126255 D	50
13	55.80	STL1550/13F-3.5-H-BASALTGREY	51550136255 D	50
14	59.30	STL1550/14F-3.5-H-BASALTGREY	51550146255 D	50
15	62.80	STL1550/15F-3.5-H-BASALTGREY	51550156255 D	50
16	66.30	STL1550/16F-3.5-H-BASALTGREY	51550166255 D	50
17	69.80	STL1550/17F-3.5-H-BASALTGREY	51550176255 D	50
18	73.30	STL1550/18F-3.5-H-BASALTGREY	51550186255 D	50
19	76.80	STL1550/19F-3.5-H-BASALTGREY	51550196255 D	50
20	80.30	STL1550/20F-3.5-H-BASALTGREY	51550206255 D	50

Technical drawing

