



### Highlights

2 to 20 poles

Vertical pin strip

Spacing 3.5 mm

Closed ends

### 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

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 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
Rated current	10 A	-	10 A

**Ratings**



Overvoltage category	III	III
Pollution Degree	3	2
Rated voltage	160 V	400 V
Rated current	10 A	8 A
Test voltage	2.5 V	2.5 V

**Counterparts (Spacing 3.5 mm)**

Terminal Block

AK4541	AK4551	AK4561
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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	Art.-Nr. 50000000023

**Technical Data // STL1550/..G-3.5-V-BASALTGREY**

Spacing 3.5 mm

**Order Data (Spacing 3.5 mm)**

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	8.40	STL1550/2G-3.5-V-BASALTGREY	51550025355 F	200
3	11.90	STL1550/3G-3.5-V-BASALTGREY	51550035355 F	200
4	15.40	STL1550/4G-3.5-V-BASALTGREY	51550045355 F	200
5	18.90	STL1550/5G-3.5-V-BASALTGREY	51550055355 F	200
6	22.40	STL1550/6G-3.5-V-BASALTGREY	51550065355 E	100
7	25.90	STL1550/7G-3.5-V-BASALTGREY	51550075355 E	100
8	29.40	STL1550/8G-3.5-V-BASALTGREY	51550085355 D	50
9	32.90	STL1550/9G-3.5-V-BASALTGREY	51550095355 D	50
10	36.40	STL1550/10G-3.5-V-BASALTGREY	51550105355 D	50
11	39.90	STL1550/11G-3.5-V-BASALTGREY	51550115355 D	50
12	43.40	STL1550/12G-3.5-V-BASALTGREY	51550125355 D	50
13	46.90	STL1550/13G-3.5-V-BASALTGREY	51550135355 D	50
14	50.40	STL1550/14G-3.5-V-BASALTGREY	51550145355 D	50
15	53.90	STL1550/15G-3.5-V-BASALTGREY	51550155355 D	50
16	57.40	STL1550/16G-3.5-V-BASALTGREY	51550165355 D	50
17	60.90	STL1550/17G-3.5-V-BASALTGREY	51550175355 D	50
18	64.40	STL1550/18G-3.5-V-BASALTGREY	51550185355 D	50
19	67.90	STL1550/19G-3.5-V-BASALTGREY	51550195355 D	50
20	71.40	STL1550/20G-3.5-V-BASALTGREY	51550205355 D	50

**Technical drawing**