



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



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

