



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
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Materials

Contact Pin	Copper Alloy
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Insulating Material

Material	PBT
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	-

Colours



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.

Spacing 3.81 mm

Ratings

				
UseGroup	B	C	D	
Rated Voltage	300 V	-	300 V	160 V
Rated Current	10 A	-	10 A	10 A
Overtoltage Category				III
Test Voltage	1.60 kV	-	1.60 kV	2.5 kV
Pollution Degree				3



Counterparts (Spacing 3.81 mm)

Terminal Block

AKZ1550	AKZ1700	AKZ1710	AKZ4551	AKZ4561
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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	Order Data: 5000000023
	Separating Element SE-STL1550-GREEN	Order Data: 5155000002



Technical Data // STLZ1590/..G-3.81-GRÜN

Spacing 3.81 mm

Order Data (Spacing 3.81 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	9.01	STLZ1590/2G-3.81-GREEN	51590025121 F	200
3	12.82	STLZ1590/3G-3.81-GREEN	51590035121 F	200
4	16.63	STLZ1590/4G-3.81-GREEN	51590045121 F	200
5	20.44	STLZ1590/5G-3.81-GREEN	51590055121 F	200
6	24.25	STLZ1590/6G-3.81-GREEN	51590065121 E	100
7	28.06	STLZ1590/7G-3.81-GREEN	51590075121 E	100
8	31.87	STLZ1590/8G-3.81-GREEN	51590085121 D	50
9	35.68	STLZ1590/9G-3.81-GREEN	51590095121 D	50
10	39.49	STLZ1590/10G-3.81-GREEN	51590105121 D	50
11	43.30	STLZ1590/11G-3.81-GREEN	51590115121 D	50
12	47.11	STLZ1590/12G-3.81-GREEN	51590125121 D	50
13	50.92	STLZ1590/13G-3.81-GREEN	51590135121 D	50
14	54.73	STLZ1590/14G-3.81-GREEN	51590145121 D	50
15	58.54	STLZ1590/15G-3.81-GREEN	51590155121 D	50
16	62.35	STLZ1590/16G-3.81-GREEN	51590165121 D	50
17	66.16	STLZ1590/17G-3.81-GREEN	51590175121 D	50
18	69.97	STLZ1590/18G-3.81-GREEN	51590185121 D	50
19	73.78	STLZ1590/19G-3.81-GREEN	51590195121 D	50
20	77.59	STLZ1590/20G-3.81-GREEN	51590205121 D	50

Technical drawing

