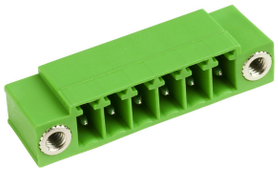
PTR HARTMANN
A Phoenix Mecano Company



Highlights	
2 to 10 poles	
Horizontal pin strip	
Spacing 7.0 mm	
With fixing flange	
Max. 500 V	
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 7.0 mm

Colours

GREEN, RAL 6018

BASALT GREY, RAL 7012

LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions.
Special colours on request.

Ratings

		c UL us		VDE
UseGroup	B	C	D	
Rated voltage	300 V	-	300 V	500 V
Rated current	8 A	-	-	8 A
Overvoltage category				III
Test voltage	1.60 kV	-	1.60 kV	6.0 kV
Pollution degree				3

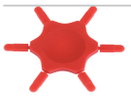
Counterparts (Spacing 7.0 mm)

Terminal Block

AK1550

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

Order Data (Spacing 7.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	20.80	STL1550/2F-7.0-H-GREEN	51550026041 E	100
3	27.80	STL1550/3F-7.0-H-GREEN	51550036041 D	50
4	34.80	STL1550/4F-7.0-H-GREEN	51550046041 D	50
5	41.80	STL1550/5F-7.0-H-GREEN	51550056041 D	50
6	48.80	STL1550/6F-7.0-H-GREEN	51550066041 D	50
7	55.80	STL1550/7F-7.0-H-GREEN	51550076041 D	50
8	62.80	STL1550/8F-7.0-H-GREEN	51550086041 D	50
9	69.80	STL1550/9F-7.0-H-GREEN	51550096041 D	50
10	76.80	STL1550/10F-7.0-H-GREEN	51550106041 D	50

Spacing 7.0 mm

Technical drawing

