



Highlights

2 to 12 poles
Vertical pin strip
Spacing 5.0 mm
With fixing flange
High current pin strip up to 16 A
Reflow soldering
THR
Pin length 2.6 mm
Pin length 3.5 mm also available

Wire Sizes

Solid min	-
Solid max	-
Stranded (flexible) min	-
Stranded (flexible) max	-
Stranded with ferrule min	-
Stranded with ferrule max	-

Dimensions

PCB hole diameter	1.4 mm
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Materials

Thread insert, flange	Brass
Contact pin	Copper Alloy

Insulating Material

Material	PPA
Flammability class	UL 94 V-0

Temperatures

Operating temperature (without mech. load)	-40 °C - 105 °C
Store temperature	-40 °C - 105 °C

Spacing 5.0 mm

Wave Soldering Process

Soldering temperature, recommended	260 °C
Peak soldering time, recommended	3-4 s

Reflow Process

Soldering temperature, recommended	217 - 245 °C
Peak soldering time, recommended	60 s

Colours

BLACK, RAL 9011

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

Ratings

				
UseGroup	B	C	D	
Rated voltage	300 V	150 V	300 V	250 V
Rated current	16 A	16 A	10 A	16 A
Overvoltage category				III
Test voltage	1.60 kV	1.30 kV	1.60 kV	4.0 kV
Pollution degree				3

Counterparts (Spacing 5.0 mm)

Terminal Block

AK950

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

Accessoires

Figure	Designation	Article Number
	Coding Star CS2-5.0/5.08-LIGHT GREY-HT	Order Data: 50000000028



Technical Data // STL950/..F-5.0-V-P2.6-BK-HC-HT

PTR HARTMANN

A Phoenix Mecano Company

Spacing 5.0 mm

Order Data (Spacing 5.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	20.00	STL950/2F-5.0-V-P2.6-BK-HC-HT	50950026389 E	100
3	25.00	STL950/3F-5.0-V-P2.6-BK-HC-HT	50950036389 E	100
4	30.00	STL950/4F-5.0-V-P2.6-BK-HC-HT	50950046389 D	50
5	35.00	STL950/5F-5.0-V-P2.6-BK-HC-HT	50950056389 D	50
6	40.00	STL950/6F-5.0-V-P2.6-BK-HC-HT	50950066389 D	50
7	45.00	STL950/7F-5.0-V-P2.6-BK-HC-HT	50950076389 D	50
8	50.00	STL950/8F-5.0-V-P2.6-BK-HC-HT	50950086389 D	50
9	55.00	STL950/9F-5.0-V-P2.6-BK-HC-HT	50950096389 D	50
10	60.00	STL950/10F-5.0-V-P2.6-BK-HC-HT	50950106389 D	50
11	65.00	STL950/11F-5.0-V-P2.6-BK-HC-HT	50950116389 D	50
12	70.00	STL950/12F-5.0-V-P2.6-BK-HC-HT	50950126389 D	50

Technical drawing

