PTR HARTMANN
A Phoenix Mecano Company



Highlights	
2 to 12 poles	
Horizontal 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
Materials	
Thread insert, flange	Brass
Contact pin	Copper Alloy
Insulating Material	
Material	PPA
Flammability class	UL 94 V-0
Temperatures	
Operating temperature	-40 °C (without mech. load) - 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

		c UL us		VDE
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	Art.-Nr. 50000000028

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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-H-P2.6-BK-HC-HT	50950026349 E	100
3	25.00	STL950/3F-5.0-H-P2.6-BK-HC-HT	50950036349 E	100
4	30.00	STL950/4F-5.0-H-P2.6-BK-HC-HT	50950046349 D	50
5	35.00	STL950/5F-5.0-H-P2.6-BK-HC-HT	50950056349 D	50
6	40.00	STL950/6F-5.0-H-P2.6-BK-HC-HT	50950066349 D	50
7	45.00	STL950/7F-5.0-H-P2.6-BK-HC-HT	50950076349 D	50
8	50.00	STL950/8F-5.0-H-P2.6-BK-HC-HT	50950086349 D	50
9	55.00	STL950/9F-5.0-H-P2.6-BK-HC-HT	50950096349 D	50
10	60.00	STL950/10F-5.0-H-P2.6-BK-HC-HT	50950106349 D	50
11	65.00	STL950/11F-5.0-H-P2.6-BK-HC-HT	50950116349 D	50
12	70.00	STL950/12F-5.0-H-P2.6-BK-HC-HT	50950126349 D	50

Technical drawing

