



Highlights

- Horizontal or vertical plugging on pin strip possible
- Parallel or vertical wire connection depending on plugging direction
- Wire guard type
- Spacing 5.0 mm
- Two dove tails for extra stable plugging
- 2 pole
- Connections internally jumpered

Wire Sizes

Solid min	0.14 mm ²
Solid max	2.5 mm ²
Stranded (flexible) min	0.14 mm ²
Stranded (flexible) max	1.5 mm ²
Stranded with ferrule min	0.14 mm ²
Stranded with ferrule max	1.5 mm ²

Dimensions

Stripped length	6.0 mm
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Materials

Clamp	Brass
Screw	Steel
Contact spring	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	-
Peak soldering time, recommended	-

Spacing 5.0 mm

Reflow Process

Soldering temperature, recommended	-
Peak soldering time, recommended	-

Colours

- GREY, RAL 7016
- LIGHT GREY, RAL 7035
- GREEN, RAL 6018
- ORANGE, RAL 2011
- RED, RAL 3003
- BLUE, RAL 5015
- YELLOW, RAL 1018
- 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	UL [®] US			VDE	
	B	C	D		
Rated voltage	300 V	150 V	300 V	250 V	
Rated current	8 A	8 A	8 A	7 A	
Overvoltage category				III	
Rated wire size				min	max
- solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ² (5 A)	2.5 mm ² (7 A)
- stranded	-	-	-	-	-
- stranded (flexible)	AWG 22-14	AWG 22-14	AWG 22-14	0.5 mm ² (5 A)	1.5 mm ² (7 A)
Torque	0.45 Nm	0.45 Nm	0.45 Nm	0.40 Nm	
Screw size	M2.6	M2.6	M2.6	M2.6	
Test voltage	1.60 kV	1.30 kV	1.60 kV	4.0 kV	
Pollution degree				3	

Counterparts (Spacing 5.0 mm)

Pin Strip

STL130	STL132	STL140
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In combination of connectors with different admission data, the lower value is valid.

Order Data (Spacing 5.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	10.70	AK130/2-5.0-GREY-BR	50130020045 G	250



Spacing 5.0 mm

Technical drawing

