

AK130/..-10.0-GREY



A Phoenix Mecano Brand

Technical Data

Wire sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature (without mech. load)	-40 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Store Temperature	-40 °C - 105 °C
Stranded with Ferrule max	1.5 mm ²	Wave Soldering Process	
Dimensions		Soldering Temperature, recommended	-
Stripped Length	6.0 mm	Peak Soldering Time, recommended	-
Materials		Reflow Process	
Clamp	Brass	Soldering Temperature, recommended	-
Screw	Steel	Peak Soldering Time, recommended	-
Contact Spring	Copper Alloy		

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

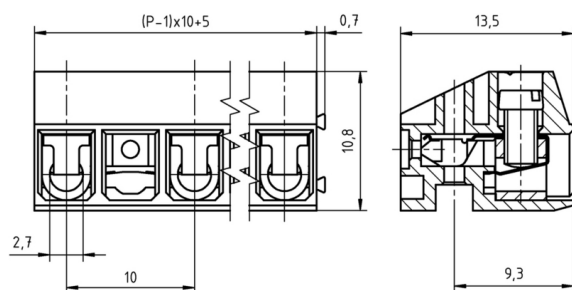
Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 10.0 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 10.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.70	AK130/2-10.0-GREY	50130020021 G	250
3	25.70	AK130/3-10.0-GREY	50130030021 G	250
4	35.70	AK130/4-10.0-GREY	50130040021 G	250
5	45.70	AK130/5-10.0-GREY	50130050021 E	100
6	55.70	AK130/6-10.0-GREY	50130060021 E	100

Ratings



UseGroup	B	C	D		
Rated Voltage	300 V	150 V	300 V	630 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	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	6.0 kV	
Pollution Degree				3	