NEW

Technical Data // AK4150/..-5.0-LICHTGREY

Spacing 5.0 mm

PTR HARTMANN
A Phoenix Mecano Company



Highlights	
3 poles	
Push-In connection	
Spacing 5.0 mm	
Wire entry parallel to plugging direction	
For snapping into housings	
Wire Sizes	
Solid min	0.08 mm²
Solid max	2.5 mm²
Stranded (flexible) min	-
Stranded (flexible) max	-
Stranded with ferrule min	0.14 mm²
Stranded with ferrule max	2.5 mm²
Dimensions	
Stripped length	9.0 mm
Materials	
Solder tab	Copper Alloy
Clamp spring	Stainless Steel
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	-
Reflow Process	
Soldering temperature, recommended	-
Peak soldering time, recommended	-

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Colours

LIGHT GREY, RAL 7035

GREEN, RAL 6018

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

Ratings

		*			**	
UseGroup	B	C	D			
Rated voltage	300 V	-	300 V		250 V	
Rated current	10 A	-	10 A		17.5 A	
Rated wire size				min		max
- solid	AWG 20-14	-	AWG 20-14	0.5 mm²		2.5 mm²
- stranded	-	-	-	-		-
- stranded (flexible)	-	-	-	-		-
Test voltage	1.60 kV	-	1.60 kV		2.0 kV	

* angelehnt an UL 1059 (XCFR2.E101811)und CSA 22.2 No. 158 (XCFR8.E101811)
** angelehnt an EN 60998

Counterparts (Spacing 5.0 mm)

Pin Strip

STL130

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

Accessoires

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-5.0/5.08-LIGHT GREY	Art.-Nr. 50000000006

Order Data (Spacing 5.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
3	27.80	AK4150/3-5.0-LIGHT GREY	54150030701 F	200

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Technical drawing

