Technical Data // AK1550/..-7.0-GREEN

Spacing 7.0 mm

PTR HARTMANN
A Phoenix Mecano Company



Highlights	
2 to 10 poles	
Lift type	
Spacing 7.0 mm	
Wire entry parallel to plugging direction	
Coding with coding nose	
Max. 500 V	
Wire Sizes	
Solid min	0.14 mm²
Solid max	1.5 mm²
Stranded (flexible) min	0.14 mm²
Stranded (flexible) max	1.5 mm²
Stranded with ferrule min	0.25 mm²
Stranded with ferrule max	1.0 mm²
Dimensions	
Stripped length	7.0 mm
Materials	
Clamp	Brass
Screw	Bronze
Contact spring	Bronze
Insulating Material	
Material	PA 6.6
Flammability class	UL 94 V-0
Temperatures	
Operating temperature (without mech. load)	-40 °C - 105 °C
Store temperature	-40 °C - 105 °C
Wave Soldering Process	
Soldering temperature, recommended	-
Peak soldering time, recommended	-

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Reflow Process

Soldering temperature, recommended	-
Peak soldering time, recommended	-

Colours

GREEN, RAL 6018

BLUE, RAL 5015

LIGHT GREEN, similar RAL 6018

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

Ratings

	cULus			VDE	
UseGroup	B	C	D		
Rated voltage	300 V	-	300 V	500 V	
Rated current	8 A	-	-	8 A	
Overvoltage category				III	
Rated wire size				min	max
- solid	AWG 28-16	-	AWG 28-16	0.5 mm² (6 A)	1.5 mm² (8 A)
- stranded	AWG 28-16	-	AWG 28-16	0.5 mm² (6 A)	1.5 mm² (8 A)
Torque	0.25 Nm	-	0.25 Nm	0.25 Nm	
Screw size	M2	-	M2	M2	
Test voltage	1.60 kV	-	1.60 kV	6.0 kV	
Pollution degree				3	

Counterparts (Spacing 7.0 mm)

Pin Strip

STL1550

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

Accessoires

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-7.0/7.62-L7.5-LIGHT GREY	Order Data: 50000000018
	Series AK(Z)1550 with pull relief	Order Data: on request

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Order Data (Spacing 7.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	10.50	AK1550/2-7.0-GREEN	51550020041 E	100
3	17.50	AK1550/3-7.0-GREEN	51550030041 E	100
4	24.50	AK1550/4-7.0-GREEN	51550040041 E	100
5	31.50	AK1550/5-7.0-GREEN	51550050041 E	100
6	38.50	AK1550/6-7.0-GREEN	51550060041 D	50
7	45.50	AK1550/7-7.0-GREEN	51550070041 D	50
8	52.50	AK1550/8-7.0-GREEN	51550080041 D	50
9	59.50	AK1550/9-7.0-GREEN	51550090041 D	50
10	66.50	AK1550/10-7.0-GREEN	51550100041 D	50

Technical drawing

