



Highlights

2 to 10 poles

Spacing 7.0 mm

Lift type

Wire entry vertical to plugging direction

Coding with coding nose

Coding nose on wire entry side

Wire Sizes

Solid min	0.14 mm ²
Solid max	1.5 mm ²
Stranded (flexible) min	0.14 mm ²
Stranded (flexible) max	1.5 mm ²
Stranded with ferrule min	0.25 mm ²
Stranded with ferrule max	1.0 mm ²

Dimensions

Stripped length	7.0 mm
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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	-

Spacing 7.0 mm

Reflow Process

Soldering temperature, recommended -

Peak soldering time, recommended -

Colours

GREEN, RAL 6018

LIGHT GREY, RAL 7035

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	B	C	D		
Rated voltage	300 V	-	300 V	300 V	
Rated current	8 A	-	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)1710 with pull relief	Order Data: on request



Technical Data // AK1700/..-7.0-GREEN

PTR HARTMANN

A Phoenix Mecano Company

Spacing 7.0 mm

Order Data (Spacing 7.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	10.50	AK1700/2-7.0-GREEN	51700020041 F	200
3	17.50	AK1700/3-7.0-GREEN	51700030041 F	200
4	24.50	AK1700/4-7.0-GREEN	51700040041 E	100
5	31.50	AK1700/5-7.0-GREEN	51700050041 E	100
6	38.50	AK1700/6-7.0-GREEN	51700060041 D	50
7	45.50	AK1700/7-7.0-GREEN	51700070041 D	50
8	52.50	AK1700/8-7.0-GREEN	51700080041 D	50
9	59.50	AK1700/9-7.0-GREEN	51700090041 D	50
10	66.50	AK1700/10-7.0-GREEN	51700100041 D	50

Technical drawing

