

Highlights	
2 to 10 poles	
Lift type	
Spacing 7.0 mm	
Wire entry parallel to plugging direction	
Coding with coding nose	
Max. 500 V	
With fixing flange	
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
Screw, flange	Steel
Contact spring	Bronze
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

Spacing 7.0 mm

Wave Soldering Process

Soldering temperature, recommended	-
Peak soldering time, recommended	-

Reflow Process

Soldering temperature, recommended	-
Peak soldering time, recommended	-

Colours

BLACK, RAL 9011

GREEN, RAL 6018

LIGHT GREEN, similar RAL 6018

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

Ratings

		c UL us	
UseGroup	B	C	D
Rated voltage	300 V	-	300 V
Rated current	8 A	-	8 A
Rated wire size			
- solid	AWG 28-16	-	AWG 28-16
- stranded	AWG 28-16	-	AWG 28-16
Torque	0.25 Nm	-	0.25 Nm
Screw size	M2	-	M2

Ratings

			DVE	
Overvoltage category	III		III	
Pollution Degree	3		2	
Rated voltage	500 V		1.000 V	
Rated current	8 A		8 A	
Rated wire size	min	max	min	max
- solid	0.5 mm² (6 A)	1.5 mm² (8 A)	0.5 mm² (6 A)	1.5 mm² (8 A)
- stranded	0.5 mm² (6 A)	1.5 mm² (8 A)	0.5 mm² (6 A)	1.5 mm² (8 A)
Torque	0.25 Nm		0.25 Nm	
Screw size	M2		M2	
Test voltage	6.0 kV		6.0 kV	

PTR HARTMANN
A Phoenix Mecano Company

Spacing 7.0 mm

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	Art.-Nr. 50000000018
	Series AK(Z)1550 with pull relief	Art.-Nr. on request

Order Data (Spacing 7.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	20.90	AK1550/2F-7.0-GREEN	51550022041 E	100
3	27.90	AK1550/3F-7.0-GREEN	51550032041 E	100
4	34.90	AK1550/4F-7.0-GREEN	51550042041 E	100
5	41.90	AK1550/5F-7.0-GREEN	51550052041 E	100
6	48.90	AK1550/6F-7.0-GREEN	51550062041 D	50
7	55.90	AK1550/7F-7.0-GREEN	51550072041 D	50
8	62.90	AK1550/8F-7.0-GREEN	51550082041 D	50
9	69.90	AK1550/9F-7.0-GREEN	51550092041 D	50
10	76.90	AK1550/10F-7.0-GREEN	51550102041 D	50

Technical drawing

