



Highlights

2 to 16 poles

Lift type

Spacing 7.62 mm

Wire entry parallel to plugging direction

Coding with coding star

With snap-in hooks to snap onto the pin strip

With fixing flange

Wire Sizes

Solid min	0.08 mm ²
Solid max	4.0 mm ²
Stranded (flexible) min	0.08 mm ²
Stranded (flexible) max	4.0 mm ²
Stranded with ferrule min	0.25 mm ²
Stranded with ferrule max	2.5 mm ²

Dimensions

Stripped length	7.0 mm
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Materials

Clamp	Brass
Screw	Steel
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 7.62 mm

Reflow Process

Soldering temperature, recommended -

Peak soldering time, recommended -

Colours

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

	UL			VDE	
UseGroup	B	C	D		
Rated voltage	300 V	-	300 V	250 V	
Rated current	10 A	-	10 A	12 A	
Overvoltage category				III	
Rated wire size				min	max
- solid	AWG 28-12	-	AWG 28-12	0.5 mm ² (5 A)	2.5 mm ² (12 A)
- stranded	AWG 28-12	-	AWG 28-12	0.5 mm ² (5 A)	2.5 mm ² (12 A)
Torque	0.50 Nm	-	0.50 Nm	0.50 Nm	
Screw size	M3	-	M3	M3	
Test voltage	1.60 kV	-	1.60 kV	4.0 kV	
Pollution degree				3	

Counterparts (Spacing 7.62 mm)

Pin Strip

STLZ965

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

Accessoires

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-7.5/7.62-L8.2-LIGHT GREY	Order Data: 50000000017
	Coding Star CS4-5.0/5.08-RED	Order Data: 50000000026
	Series AKZ965 with pull relief	Order Data: on request



Technical Data // AKZ965/..F-7.62-GREEN

PTR HARTMANN

A Phoenix Mecano Company

Spacing 7.62 mm

Order Data (Spacing 7.62 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	25.54	AKZ965/2F-7.62-GREEN	50965022021 E	100
3	33.16	AKZ965/3F-7.62-GREEN	50965032021 E	100
4	40.78	AKZ965/4F-7.62-GREEN	50965042021 D	50
5	48.40	AKZ965/5F-7.62-GREEN	50965052021 D	50
6	56.02	AKZ965/6F-7.62-GREEN	50965062021 D	50
7	63.64	AKZ965/7F-7.62-GREEN	50965072021 D	50
8	71.26	AKZ965/8F-7.62-GREEN	50965082021 D	50
9	78.88	AKZ965/9F-7.62-GREEN	50965092021 D	50
10	86.50	AKZ965/10F-7.62-GREEN	50965102021 D	50
11	94.12	AKZ965/11F-7.62-GREEN	50965112021 D	50
12	101.74	AKZ965/12F-7.62-GREEN	50965122021 D	50
13	109.36	AKZ965/13F-7.62-GREEN	50965132021 D	50
14	116.98	AKZ965/14F-7.62-GREEN	50965142021 D	50
15	124.60	AKZ965/15F-7.62-GREEN	50965152021 D	50
16	132.22	AKZ965/16F-7.62-GREEN	50965162021 D	50

Technical drawing

