PTR HARTMANN
A Phoenix Mecano Company



Highlights	
2 to 24 poles	
Single mold	
Spacing 2.54 mm	
Lift type	
Wire entry parallel to PCB	
Wire Sizes	
Solid min	0.14 mm²
Solid max	0.75 mm²
Stranded (flexible) min	0.14 mm²
Stranded (flexible) max	0.75 mm²
Stranded with ferrule min	0.14 mm²
Stranded with ferrule max	0.34 mm²
Dimensions	
Stripped length	4.0 mm
PCB hole diameter	1.3 mm
Materials	
Clamp	Brass
Screw	Steel
Solder tab	Brass
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	260 °C
Peak soldering time, recommended	3-4 s

Spacing 2.54 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

		c UL us			VDE
UseGroup	B	C	D		
Rated voltage	150 V	-	-		130 V
Rated current	7 A	-	-		9 A
Rated wire size				min	max
- solid	AWG 30-18	-	-	0.14 mm²	0.75 mm²
- stranded	AWG 30-18	-	-	0.14 mm²	0.75 mm²
Torque	0.10 Nm	-	-		0.10 Nm
Screw size	M1.6	-	-		M1.6
Test voltage	1.30 kV	-	-		1.25 kV

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Order Data (Spacing 2.54 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	5.48	AKZ692/2-2.54-V-GREEN	50692020021 E	100
3	8.02	AKZ692/3-2.54-V-GREEN	50692030021 E	100
4	10.56	AKZ692/4-2.54-V-GREEN	50692040021 E	100
5	13.10	AKZ692/5-2.54-V-GREEN	50692050021 E	100
6	15.64	AKZ692/6-2.54-V-GREEN	50692060021 E	100
7	18.18	AKZ692/7-2.54-V-GREEN	50692070021 E	100
8	20.72	AKZ692/8-2.54-V-GREEN	50692080021 E	100
9	23.26	AKZ692/9-2.54-V-GREEN	50692090021 E	100
10	25.80	AKZ692/10-2.54-V-GREEN	50692100021 E	100
11	28.34	AKZ692/11-2.54-V-GREEN	50692110021 E	100
12	30.88	AKZ692/12-2.54-V-GREEN	50692120021 E	100
13	33.42	AKZ692/13-2.54-V-GREEN	50692130021 E	100
14	35.96	AKZ692/14-2.54-V-GREEN	50692140021 E	100
15	38.50	AKZ692/15-2.54-V-GREEN	50692150021 E	100
16	41.04	AKZ692/16-2.54-V-GREEN	50692160021 E	100
17	43.58	AKZ692/17-2.54-V-GREEN	50692170021 E	100
18	46.12	AKZ692/18-2.54-V-GREEN	50692180021 E	100
19	48.66	AKZ692/19-2.54-V-GREEN	50692190021 E	100
20	51.20	AKZ692/20-2.54-V-GREEN	50692200021 E	100
21	53.74	AKZ692/21-2.54-V-GREEN	50692210021 E	100
22	56.28	AKZ692/22-2.54-V-GREEN	50692220021 E	100
23	58.82	AKZ692/23-2.54-V-GREEN	50692230021 E	100
24	61.36	AKZ692/24-2.54-V-GREEN	50692240021 E	100

Spacing 2.54 mm

Technical drawing

