PTR HARTMANN
A Phoenix Mecano Company



Highlights	
2 to 12 poles	
2 and 3 pole modules	
Spacing 5.08 mm	
Lift type	
Wire entry parallel to PCB	
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	1.5 mm²
Dimensions	
Stripped length	6.0 mm
PCB hole diameter	1.3 mm
Materials	
Clamp	Brass
Screw	Steel
Solder tab	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	260 °C
Peak soldering time, recommended	3-4 s

Spacing 5.08 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	300 V	150 V	300 V	250 V	
Rated current	15 A	15 A	10 A	13 A	
Rated wire size				min	max
- solid	AWG 28-14	AWG 28-14	AWG 28-14	0.5 mm²	1.5 mm²
- stranded	AWG 28-14	AWG 28-14	AWG 28-14	0.5 mm²	1.5 mm²
Torque	0.50 Nm	0.50 Nm	0.50 Nm	0.50 Nm	
Screw size	M3	M3	M3	M3	
Test voltage	1.60 kV	1.30 kV	1.60 kV	2.0 kV	

Accessoires

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-5.0/5.08-LIGHT GREY	Order Data: 50000000006
	Bridge, 3-pole, insulated, BRI/3-5.0/5.08-LIGHT GREY	Order Data: 50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	Order Data: 50000000008

Spacing 5.08 mm

Order Data (Spacing 5.08 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	10.76	AKZ250/2-5.08-V-GREEN	50250020001 F	200
3	15.84	AKZ250/3-5.08-V-GREEN	50250030001 F	200
4	20.92	AKZ250/4-5.08-V-GREEN	50250040001 F	200
5	26.00	AKZ250/5-5.08-V-GREEN	50250050001 F	200
6	31.08	AKZ250/6-5.08-V-GREEN	50250060001 E	100
7	36.16	AKZ250/7-5.08-V-GREEN	50250070001 E	100
8	41.24	AKZ250/8-5.08-V-GREEN	50250080001 E	100
9	46.32	AKZ250/9-5.08-V-GREEN	50250090001 E	100
10	51.40	AKZ250/10-5.08-V-GREEN	50250100001 D	50
11	56.48	AKZ250/11-5.08-V-GREEN	50250110001 D	50
12	61.56	AKZ250/12-5.08-V-GREEN	50250120001 D	50

Technical drawing

