



Highlights

3 poles

Single mold

Spacing 5.0 mm

Lift type

Wire entry parallel to PCB

Version orthogonal left

Test jack on every clamping point

Wire Sizes

Solid min	0.14 mm ²
Solid max	4.0 mm ²
Stranded (flexible) min	0.14 mm ²
Stranded (flexible) max	4.0 mm ²
Stranded with ferrule min	0.14 mm ²
Stranded with ferrule max	1.5 mm ²

Dimensions

Stripped length	7.0 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

Spacing 5.0 mm

Wave Soldering Process

Soldering temperature, recommended	260 °C
Peak soldering time, recommended	3-4 s

Reflow Process

Soldering temperature, recommended	-
Peak soldering time, recommended	-

Colours

GREEN, RAL 6018

BLACK, RAL 9011

LIGHT GREY, RAL 7035

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	16 A	-	10 A	16 A	
Rated wire size				min	max
- solid	AWG 22-12	-	AWG 22-12	0.2 mm ²	4.0 mm ²
- stranded	AWG 22-12	-	AWG 22-12	0.2 mm ²	2.5 mm ²
Torque	0.40 Nm	-	0.40 Nm	0.40 Nm	
Screw size	M2.5	-	M2.5	M2.5	
Test voltage	1.60 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

Order Data (Spacing 5.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
3	17.40	AK340/3-5.0-OL-GREEN	50340030061 F	200



PTR HARTMANN

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Technical Data // **AK340/..-5.0-OL-GREEN**

Spacing 5.0 mm

Technical drawing

