

Highlights

- 1 to n poles
- Spacing 5.0 mm
- Tension spring type
- Wire entry 45° to PCB
- Two-tier terminal
- Alternating pinning starts with the front right pole

Wire Sizes

Solid min	0.08 mm ²
Solid max	2.5 mm ²
Stranded (flexible) min	0.14 mm ²
Stranded (flexible) max	2.5 mm ²
Stranded with ferrule min	0.14 mm ²
Stranded with ferrule max	1.5 mm ²

Dimensions

Stripped length	6.0 mm
PCB hole diameter	1.3 mm

Materials

Solder tab	Copper Alloy
Tension spring	Stainless Steel

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 5.0 mm

Reflow Process

Soldering temperature, recommended -

Peak soldering time, recommended -

Colours

GREEN, RAL 6018

TRAFFIC GREY, RAL 7042

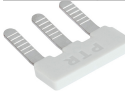
LIGHT GREEN, similar RAL 6018

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

Ratings

					
UseGroup	B	C	D		
Rated voltage	300 V	-	300 V	250 V	
Rated current	16 A	-	10 A	12 A	
Rated wire size				min	max
- solid	AWG 28-14	-	AWG 28-14	0.5 mm ²	2.5 mm ²
- stranded	AWG 28-14	-	AWG 28-14	0.5 mm ²	2.5 mm ²
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



Technical Data // AK3750/..VP-5.0-GREEN

PTR HARTMANN

A Phoenix Mecano Company

Spacing 5.0 mm

Order Data (Spacing 5.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
1	6.70	AK3750/1VP-5.0-GREEN	53750010201 F	200
2	11.70	AK3750/2VP-5.0-GREEN	53750020201 E	100
3	16.70	AK3750/3VP-5.0-GREEN	53750030201 E	100
4	21.70	AK3750/4VP-5.0-GREEN	53750040201 D	50
5	26.70	AK3750/5VP-5.0-GREEN	53750050201 D	50
6	31.70	AK3750/6VP-5.0-GREEN	53750060201 D	50
7	36.70	AK3750/7VP-5.0-GREEN	53750070201 D	50
8	41.70	AK3750/8VP-5.0-GREEN	53750080201 D	50
9	46.70	AK3750/9VP-5.0-GREEN	53750090201 D	50
10	51.70	AK3750/10VP-5.0-GREEN	53750100201 D	50
11	56.70	AK3750/11VP-5.0-GREEN	53750110201 D	50
12	61.70	AK3750/12VP-5.0-GREEN	53750120201 D	50

Technical drawing

