

AK3750/..VP-5.0-GREEN

- 1 to n poles



A Phoenix Mecano Brand

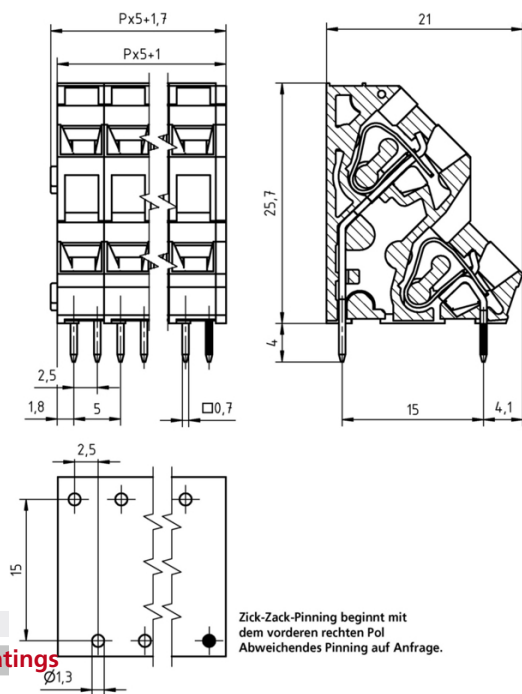
Technical Data

Wire sizes		Insulating Material	
Solid min	0.08 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature (without mech. load)	-40 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Store Temperature	-40 °C - 105 °C
Stranded with Ferrule max	1.5 mm ²	Wave Soldering Process	
Dimensions		Soldering Temperature, recommended	260 °C
Stripped Length	6.0 mm	Peak Soldering Time, recommended	3-4 s
PCB Hole Diameter	1.3 mm	Reflow Process	
Materials		Soldering Temperature, recommended	-
Solder Tab	Copper Alloy	Peak Soldering Time, recommended	-
Tension Spring	Stainless Steel		

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	250 V		
	300 V		-	300 V	12 A		
Rated Voltage	300 V		-	300 V	12 A		
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		

Order Data (Spacing 5.0 mm)

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

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

