



### Highlights

2 to 12 poles

2 and 3 pole modules

Spacing 5.0 mm

Lift type

Wire entry parallel to PCB

Two-tier terminal

### Wire Sizes

Solid min	0.14 mm <sup>2</sup>
Solid max	2.5 mm <sup>2</sup>
Stranded (flexible) min	0.14 mm <sup>2</sup>
Stranded (flexible) max	1.5 mm <sup>2</sup>
Stranded with ferrule min	0.25 mm <sup>2</sup>
Stranded with ferrule max	1.5 mm <sup>2</sup>

### Dimensions

Stripped length	6.0 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	-40 °C (without mech. load) - 105 °C
Store temperature	-40 °C - 105 °C

### Wave Soldering Process

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

**Technical Data // AK370/..-5.0-V-GREEN**

Spacing 5.0 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**

UseGroup	UL <sup>®</sup>			VDE	
	B	C	D		
Rated voltage	300 V	150 V	300 V	250 V	
Rated current	15 A	15 A	10 A	17.5 A	
Rated wire size				min	max
- solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>
- stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm <sup>2</sup>	1.5 mm <sup>2</sup>
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



Technical Data // **AK370/..-5.0-V-GREEN**

Spacing 5.0 mm

**Order Data (Spacing 5.0 mm)**

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	13.10	AK370/2-5.0-V-GREEN	50370020005 E	100
3	18.10	AK370/3-5.0-V-GREEN	50370030005 E	100
4	23.10	AK370/4-5.0-V-GREEN	50370040005 E	100
5	28.10	AK370/5-5.0-V-GREEN	50370050005 D	50
6	33.10	AK370/6-5.0-V-GREEN	50370060005 D	50
7	38.10	AK370/7-5.0-V-GREEN	50370070005 D	50
8	43.10	AK370/8-5.0-V-GREEN	50370080005 D	50
9	48.10	AK370/9-5.0-V-GREEN	50370090005 D	50
10	53.10	AK370/10-5.0-V-GREEN	50370100005 D	50
11	58.10	AK370/11-5.0-V-GREEN	50370110005 D	50
12	63.10	AK370/12-5.0-V-GREEN	50370120005 D	50

**Technical drawing**

