



### Highlights

2 to 12 poles

2 and 3 pole modules

Spacing 5.0 mm

Lift type

Wire entry parallel to PCB

Two-tier terminal

24 A with 2.5 mm<sup>2</sup> wire

### Wire Sizes

Solid min 0.2 mm<sup>2</sup>

Solid max 4.0 mm<sup>2</sup>

Stranded (flexible) min 0.2 mm<sup>2</sup>

Stranded (flexible) max 2.5 mm<sup>2</sup>

Stranded with ferrule min 0.25 mm<sup>2</sup>

Stranded with ferrule max 2.5 mm<sup>2</sup>

### Dimensions

Stripped length 8.0 mm

PCB hole diameter 1.3 mm

### Materials

Clamp Brass

Screw Steel

Solder tab Copper Alloy

### 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

**Technical Data // AK750/..-5.0-V-GREEN**

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

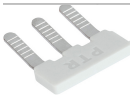


GREY, RAL 7016

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> US			VDE	
	B	C	D		
Rated voltage	300 V	150 V	300 V	250 V	
Rated current	20 A	20 A	10 A	24 A	
Rated wire size				min	max
- solid	AWG 30-12	AWG 30-12	AWG 30-12	0.5 mm <sup>2</sup>	4.0 mm <sup>2</sup>
- stranded	-	-	-	-	-
- stranded (flexible)	AWG 30-12	AWG 30-12	AWG 30-12	0.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>
Torque	0.45 Nm	0.45 Nm	0.45 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	Art.-Nr. 50000000006
	Bridge, 3-pole, insulated, BRI/3-5.0/5.08-LIGHT GREY	Art.-Nr. 50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	Art.-Nr. 50000000008
	Screw Cover SC-AK700-YELLOW	Art.-Nr. 50700000004



Technical Data // **AK750/..-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	AK750/2-5.0-V-GREEN	50750020201 D	50
3	18.10	AK750/3-5.0-V-GREEN	50750030201 D	50
4	23.10	AK750/4-5.0-V-GREEN	50750040201 D	50
5	28.10	AK750/5-5.0-V-GREEN	50750050201 D	50
6	33.10	AK750/6-5.0-V-GREEN	50750060201 D	50
7	38.10	AK750/7-5.0-V-GREEN	50750070201 D	50
8	43.10	AK750/8-5.0-V-GREEN	50750080201 D	50
9	48.10	AK750/9-5.0-V-GREEN	50750090201 D	50
10	53.10	AK750/10-5.0-V-GREEN	50750100201 D	50
11	58.10	AK750/11-5.0-V-GREEN	50750110201 D	50
12	63.10	AK750/12-5.0-V-GREEN	50750120201 D	50

**Technical drawing**

