



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 mm² wire

Wire Sizes

Solid min	0.2 mm ²
Solid max	4.0 mm ²
Stranded (flexible) min	0.2 mm ²
Stranded (flexible) max	2.5 mm ²
Stranded with ferrule min	0.25 mm ²
Stranded with ferrule max	2.5 mm ²

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 [®] 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 ²	4.0 mm ²
- stranded	AWG 30-12	AWG 30-12	AWG 30-12	0.5 mm ²	2.5 mm ²
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	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
	Screw Cover SC-AK700-YELLOW	Order data: 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

