

AK750/..-5.0-V-GREEN



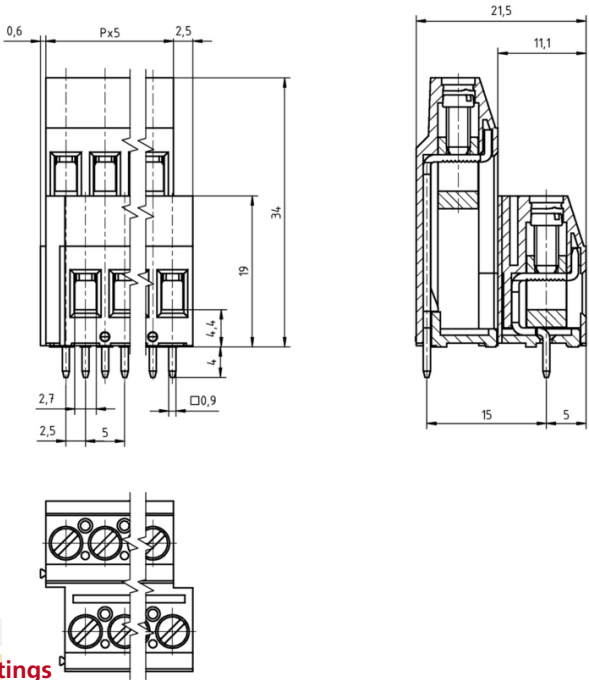
Technical Data

Wire sizes		Insulating Material	
Solid min	0.2 mm²	Material	PA 6.6
Solid max	4.0 mm²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2mm²	Temperatures	
Stranded (flexible) max	2.5 mm²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.25 mm²	Store Temperature	-40 °C - 105 °C
Stranded with Ferrule max	2.5 mm²	Wave Soldering Process	
Dimensions		Soldering Temperature, recommended	265 °C
Stripped Length	8.0 mm	Peak Soldering Time, recommended	3-4 s
PCB Hole Diameter	1.3 mm	Reflow Process	
Materials		Soldering Temperature, recommended	-
Clamp	Brass	Peak Soldering Time, recommended	-
Screw	Steel		
Solder Tab	Copper Alloy		

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	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 mm²	4.0 mm²
	-stranded	AWG 30-12	AWG 30-12	AWG 30-12	0.5 mm²	2.5 mm²
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		

Order Data (Spacing 5.0 mm)

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

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

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.