

AK750/..-10.0-V-GREEN



A Phoenix Mecano Brand

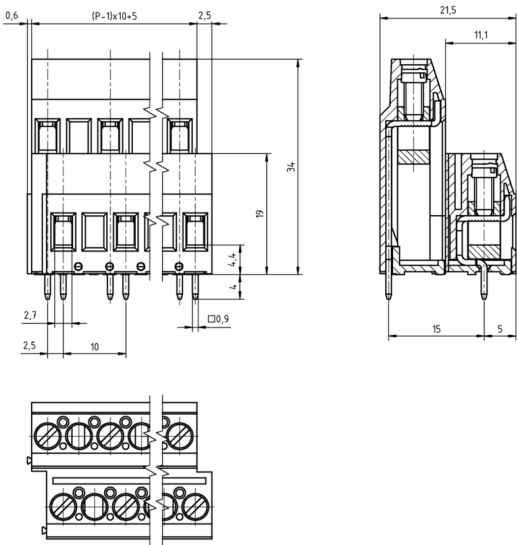
Technical Data

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 (without mech. load)	-40 °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	260 °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.



Order Data (Spacing 10.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	18.10	AK750/2-10.0-V-GREEN	50750020241 D	50
3	28.10	AK750/3-10.0-V-GREEN	50750030241 D	50
4	38.10	AK750/4-10.0-V-GREEN	50750040241 D	50
5	48.10	AK750/5-10.0-V-GREEN	50750050241 D	50
6	58.10	AK750/6-10.0-V-GREEN	50750060241 D	50

Accessoires

Figure	Designation	Article Number
	Screw Cover SC-AK700-YELLOW	Order Data: 50700000004

Ratings

UseGroup	B	C	D		
Rated Voltage	300 V	150 V	300 V	1.000 V	
Rated Current	20 A	20 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	3.5 kV	