



Highlights

2 to 8 poles
1 and 2 pole modules
Spacing 10.0 mm
Lift type
Wire entry parallel to PCB
High current terminal
24 A with 2.5 mm ² wire
Max. 1.000 V

Wire Sizes

Solid min	0.14 mm ²
Solid max	2.5 mm ²
Stranded (flexible) min	0.14 mm ²
Stranded (flexible) max	1.5 mm ²
Stranded with ferrule min	0.25 mm ²
Stranded with ferrule max	1.5 mm ²

Dimensions

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

Spacing 10.0 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

LIGHT GREY, RAL 7035

BLUE, RAL 5015

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	1.000 V	
Rated current	19 A	19 A	10 A	24 A	
Rated wire size			min		max
- solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²	2.5 mm ²
- stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²	1.5 mm ²
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	3.5 kV	

Order Data (Spacing 10.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	15.60	AK350/2-10.0-V-GREEN-HC	50350020925 F	200
3	25.60	AK350/3-10.0-V-GREEN-HC	50350030925 F	200
4	35.60	AK350/4-10.0-V-GREEN-HC	50350040925 E	100
5	45.60	AK350/5-10.0-V-GREEN-HC	50350050925 E	100
6	55.60	AK350/6-10.0-V-GREEN-HC	50350060925 D	50
7	65.60	AK350/7-10.0-V-GREEN-HC	50350070925 D	50
8	75.60	AK350/8-10.0-V-GREEN-HC	50350080925 D	50
9	85.60	AK350/9-10.0-V-GREEN-HC	50350090925 D	50
10	95.60	AK350/10-10.0-V-GREEN-HC	50350100925 D	50
11	105.60	AK350/11-10.0-V-GREEN-HC	50350110925 D	50
12	115.60	AK350/12-10.0-V-GREEN-HC	50350120925 D	50



Technical Data // AK350/..-10.0-V-GREEN-HC

PTR HARTMANN

A Phoenix Mecano Company

Spacing 10.0 mm

Technical drawing

