



Highlights

2 to 12 poles
2 and 3 pole modules
Spacing 5.0 mm
Lift type
Wire entry vertical to PCB
High current terminal
24 A with 2.5 mm ² wire

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 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

LIGHT GREY, RAL 7035

BLUE, RAL 5015

Colours according to RAL, there may be variations on colour due to production conditions.
Special colours on request.

Ratings

	UL [®]			VDE	
UseGroup	B	C	D		
Rated voltage	300 V	150 V	300 V	250 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	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



Technical Data // AK350/..-5.0-H-GREEN-HC

PTR HARTMANN

A Phoenix Mecano Company

Spacing 5.0 mm

Order Data (Spacing 5.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	10.60	AK350/2-5.0-H-GREEN-HC	50350020295 F	200
3	15.60	AK350/3-5.0-H-GREEN-HC	50350030295 F	200
4	20.60	AK350/4-5.0-H-GREEN-HC	50350040295 F	200
5	25.60	AK350/5-5.0-H-GREEN-HC	50350050295 F	200
6	30.60	AK350/6-5.0-H-GREEN-HC	50350060295 E	100
7	35.60	AK350/7-5.0-H-GREEN-HC	50350070295 E	100
8	40.60	AK350/8-5.0-H-GREEN-HC	50350080295 E	100
9	45.60	AK350/9-5.0-H-GREEN-HC	50350090295 E	100
10	50.60	AK350/10-5.0-H-GREEN-HC	50350100295 D	50
11	55.60	AK350/11-5.0-H-GREEN-HC	50350110295 D	50
12	60.60	AK350/12-5.0-H-GREEN-HC	50350120295 D	50

Technical drawing

