



Highlights

2 to 12 poles

2 and 3 pole modules

Spacing 5.0 mm

Lift type

Wire entry parallel to PCB

High current terminal

24 A with 2.5 mm² wire

Wire Sizes

Solid min 0.14 mm²

Solid max 2.5 mm²

Stranded (flexible) min 0.14 mm²

Stranded (flexible) max 1.5 mm²

Stranded with ferrule min 0.25 mm²

Stranded with ferrule max 1.5 mm²

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

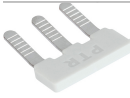
LIGHT GREEN, similar RAL 6018

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	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-V-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-V-GREEN-HC	50350020095 F	200
3	15.60	AK350/3-5.0-V-GREEN-HC	50350030095 F	200
4	20.60	AK350/4-5.0-V-GREEN-HC	50350040095 F	200
5	25.60	AK350/5-5.0-V-GREEN-HC	50350050095 F	200
6	30.60	AK350/6-5.0-V-GREEN-HC	50350060095 E	100
7	35.60	AK350/7-5.0-V-GREEN-HC	50350070095 E	100
8	40.60	AK350/8-5.0-V-GREEN-HC	50350080095 E	100
9	45.60	AK350/9-5.0-V-GREEN-HC	50350090095 E	100
10	50.60	AK350/10-5.0-V-GREEN-HC	50350100095 D	50
11	55.60	AK350/11-5.0-V-GREEN-HC	50350110095 D	50
12	60.60	AK350/12-5.0-V-GREEN-HC	50350120095 D	50

Technical drawing

