



Highlights

2 to 12 poles

2 and 3 pole modules

Spacing 5.0 mm

Lift type

Wire entry parallel to PCB

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	Brass

Insulating Material

Material	PA 6.6
Flammability class	UL 94 V-0

Temperatures

Operating temperature	-40 °C (without mech. load) - 105 °C
Store temperature	-40 °C - 105 °C

Wave Soldering Process

Soldering temperature, recommended	260 °C
Peak soldering time, recommended	3-4 s

Spacing 5.0 mm

Reflow Process

Soldering temperature, recommended	-
Peak soldering time, recommended	-

Colours

GREEN, RAL 6018

LIGHT GREY, RAL 7035

BLUE, RAL 5015

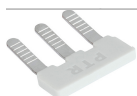
LIGHT GREEN, similar RAL 6018

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	15 A	15 A	10 A		17.5 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	-	-	-	-	-
- stranded (flexible)	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	Art.-Nr. 500000000006
	Bridge, 3-pole, insulated, BRI/3-5.0/5.08-LIGHT GREY	Art.-Nr. 500000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	Art.-Nr. 500000000008



PTR HARTMANN

A Phoenix Mecano Company

Technical Data // AK350/..-5.0-V-GREEN

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	50350020005 F	200
3	15.60	AK350/3-5.0-V-GREEN	50350030005 F	200
4	20.60	AK350/4-5.0-V-GREEN	50350040005 F	200
5	25.60	AK350/5-5.0-V-GREEN	50350050005 F	200
6	30.60	AK350/6-5.0-V-GREEN	50350060005 E	100
7	35.60	AK350/7-5.0-V-GREEN	50350070005 E	100
8	40.60	AK350/8-5.0-V-GREEN	50350080005 E	100
9	45.60	AK350/9-5.0-V-GREEN	50350090005 E	100
10	50.60	AK350/10-5.0-V-GREEN	50350100005 D	50
11	55.60	AK350/11-5.0-V-GREEN	50350110005 D	50
12	60.60	AK350/12-5.0-V-GREEN	50350120005 D	50

Technical drawing

