



Highlights

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

Wire Sizes

Solid min	0.2 mm ²
Solid max	4.0 mm ²
Stranded (flexible) min	0.2 mm ²
Stranded (flexible) max	2.5 mm ²
Stranded with ferrule min	0.25 mm ²
Stranded with ferrule max	2.5 mm ²

Dimensions

Stripped length	8.0 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	-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

GREY, RAL 7016

PEBBLE GREY, RAL 7032

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	20 A	20 A	10 A		24 A
Rated wire size				min	max
- solid	AWG 30-12	AWG 30-12	AWG 30-12	0.5 mm ²	4.0 mm ²
- stranded	-	-	-	-	-
- stranded (flexible)	AWG 30-12	AWG 30-12	AWG 30-12	0.5 mm ²	2.5 mm ²
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		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
	Screw Cover SC-AK700-YELLOW	Art.-Nr. 507000000004



PTR HARTMANN

A Phoenix Mecano Company

Technical Data // AK700/..-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	AK700/2-5.0-V-GREEN	50700020201 F	200
3	15.60	AK700/3-5.0-V-GREEN	50700030201 F	200
4	20.60	AK700/4-5.0-V-GREEN	50700040201 F	200
5	25.60	AK700/5-5.0-V-GREEN	50700050201 F	200
6	30.60	AK700/6-5.0-V-GREEN	50700060201 E	100
7	35.60	AK700/7-5.0-V-GREEN	50700070201 E	100
8	40.60	AK700/8-5.0-V-GREEN	50700080201 E	100
9	45.60	AK700/9-5.0-V-GREEN	50700090201 E	100
10	50.60	AK700/10-5.0-V-GREEN	50700100201 D	50
11	55.60	AK700/11-5.0-V-GREEN	50700110201 D	50
12	60.60	AK700/12-5.0-V-GREEN	50700120201 D	50

Technical drawing

