



Highlights

2 to 6 poles

1 and 2 pole modules

Spacing 15.24 mm

Lift type

Wire entry parallel to PCB

24 A with 2.5 mm² wire

Max. 1.000 V

Wire Sizes

Solid min 0.2 mm²

Solid max 4.0 mm²

Stranded (flexible) min 0.2 mm²

Stranded (flexible) max 2.5 mm²

Stranded with ferrule min 0.25 mm²

Stranded with ferrule max 2.5 mm²

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 (without mech. load) -40 °C - 105 °C

Store temperature -40 °C - 105 °C

Spacing 15.24 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

BLACK, RAL 9011

PEBBLE GREY, RAL 7032

GREEN, RAL 6018

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	600 V	600 V	-	1000 V	
Rated current	20 A	20 A	-	24 A	
Rated wire size				min	max
- solid	AWG 22-12	AWG 22-12	-	0.5 mm ²	4.0 mm ²
- stranded	AWG 22-12	AWG 22-12	-	0.5 mm ²	2.5 mm ²
Torque	0.45 Nm	0.45 Nm	-	0.50 Nm	
Screw size	M3	M3	-	M3	
Test voltage	2.20 kV	2.20 kV	-	3.5 kV	

Accessoires

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-7.5/7.62-L8.2-LIGHT GREY	Order Data: 50000000017
	Screw Cover SC-AK700-YELLOW	Order Data: 50700000004



PTR HARTMANN

A Phoenix Mecano Company

Technical Data // AKZ710/..-15.24-V-GREEN

Spacing 15.24 mm

Order Data (Spacing 15.24 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	23.46	AKZ710/2-15.24-V-GREEN	50710020253 E	100
3	38.70	AKZ710/3-15.24-V-GREEN	50710030253 E	100
4	53.94	AKZ710/4-15.24-V-GREEN	50710040253 D	50
5	69.18	AKZ710/5-15.24-V-GREEN	50710050253 D	50
6	84.42	AKZ710/6-15.24-V-GREEN	50710060253 D	50

Technical drawing

