



Highlights

2 to 12 poles
2 and 3 pole modules
Spacing 7.62 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 7.62 mm

Reflow Process

Soldering temperature, recommended	-
Peak soldering time, recommended	-

Colours

GREEN, RAL 6018

BLACK, RAL 9011

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		750 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		3.0 kV

Accessoires

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

**PTR HARTMANN**

A Phoenix Mecano Company

Technical Data // AKZ710/..-7.62-V-GREEN

Spacing 7.62 mm

Order Data (Spacing 7.62 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	15.84	AKZ710/2-7.62-V-GREEN	50710020213 E	100
3	23.46	AKZ710/3-7.62-V-GREEN	50710030213 E	100
4	31.08	AKZ710/4-7.62-V-GREEN	50710040213 E	100
5	38.70	AKZ710/5-7.62-V-GREEN	50710050213 E	100
6	46.32	AKZ710/6-7.62-V-GREEN	50710060213 D	50
7	53.94	AKZ710/7-7.62-V-GREEN	50710070213 D	50
8	61.56	AKZ710/8-7.62-V-GREEN	50710080213 D	50
9	69.18	AKZ710/9-7.62-V-GREEN	50710090213 D	50
10	76.80	AKZ710/10-7.62-V-GREEN	50710100213 D	50
11	84.42	AKZ710/11-7.62-V-GREEN	50710110213 D	50
12	92.04	AKZ710/12-7.62-V-GREEN	50710120213 D	50

Technical drawing