



Highlights

2 to 12 poles
2 and 3 pole modules
Spacing 5.08 mm
Lift type
Wire entry parallel to PCB
Two-tier terminal
Tiers offset by half pitch
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

Spacing 5.08 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

GREY, RAL 7016

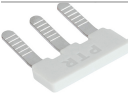
LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions.
Special colours on request.

Ratings

	UL [®]			VDE	
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. 50000000006
	Bridge, 3-pole, insulated, BRI/3-5.0/5.08-LIGHT GREY	Art.-Nr. 50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	Art.-Nr. 50000000008
	Screw Cover SC-AK700-YELLOW	Art.-Nr. 50700000004



PTR HARTMANN

A Phoenix Mecano Company

Technical Data // AKZ750/..-5.08-V-GREEN

Spacing 5.08 mm

Order Data (Spacing 5.08 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	13.30	AKZ750/2-5.08-V-GREEN	50750020210 D	50
3	18.38	AKZ750/3-5.08-V-GREEN	50750030210 D	50
4	23.46	AKZ750/4-5.08-V-GREEN	50750040210 D	50
5	28.54	AKZ750/5-5.08-V-GREEN	50750050210 D	50
6	33.62	AKZ750/6-5.08-V-GREEN	50750060210 D	50
7	38.70	AKZ750/7-5.08-V-GREEN	50750070210 D	50
8	43.78	AKZ750/8-5.08-V-GREEN	50750080210 D	50
9	48.86	AKZ750/9-5.08-V-GREEN	50750090210 D	50
10	53.94	AKZ750/10-5.08-V-GREEN	50750100210 D	50
11	59.02	AKZ750/11-5.08-V-GREEN	50750110210 D	50
12	64.10	AKZ750/12-5.08-V-GREEN	50750120210 D	50

Technical drawing

