



Highlights

2 to 12 poles
2 and 3 pole modules
Spacing 5.08 mm
Lift type
Wire entry 45° to PCB
24 A with 2.5 mm² wire

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	7.0 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 5.08 mm

Reflow Process

Soldering temperature, recommended -

Peak soldering time, recommended -

Colours

GREY, RAL 7016

GREEN, RAL 6018

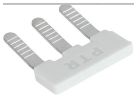
BLUE, RAL 5015

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	-	300 V	250 V	
Rated current	15 A	-	10 A	24 A	
Rated wire size				min	max
- solid	AWG 22-12	-	AWG 22-12	0.5 mm ²	2.5 mm ²
- stranded	-	-	-	-	-
- stranded (flexible)	AWG 22-12	-	AWG 22-12	0.5 mm ²	1.5 mm ²
Torque	0.50 Nm	-	0.50 Nm	0.40 Nm	
Screw size	M2.6	-	M2.6	M2.6	
Test voltage	1.60 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 // AKZ300/..-5.08-GREY

Spacing 5.08 mm

Order Data (Spacing 5.08 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	10.76	AKZ300/2-5.08-GREY	50300020141 F	200
3	15.84	AKZ300/3-5.08-GREY	50300030141 F	200
4	20.92	AKZ300/4-5.08-GREY	50300040141 F	200
5	26.00	AKZ300/5-5.08-GREY	50300050141 F	200
6	31.08	AKZ300/6-5.08-GREY	50300060141 F	200
7	36.16	AKZ300/7-5.08-GREY	50300070141 E	100
8	41.24	AKZ300/8-5.08-GREY	50300080141 E	100
9	46.32	AKZ300/9-5.08-GREY	50300090141 E	100
10	51.40	AKZ300/10-5.08-GREY	50300100141 D	50
11	56.48	AKZ300/11-5.08-GREY	50300110141 D	50
12	61.56	AKZ300/12-5.08-GREY	50300120141 D	50

Technical drawing

