



Highlights

- 2 to 12 poles
- 2 and 3 pole modules
- Spacing 5.08 mm
- Wire guard type
- Wire entry parallel to PCB
- Test jack on every clamping point
- 24 A with 2.5 mm² wire
- Higher pole numbers on request

Wire Sizes

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

Dimensions

Stripped length	7.0 mm
PCB hole diameter	1.3 mm

Materials

Clamp	Brass
Wire guard	Stainless Steel
Screw	Steel

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

GREY, RAL 7016

BLACK, RAL 9011

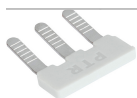
BLUE, RAL 5015

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
Rated current	20 A	-	10 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 2.5 mm ²
Torque	0.45 Nm	-	0.45 Nm 0.50 Nm
Screw size	M3	-	M3 M3
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



Technical Data // AKZ120/..DS-5.08-V-GREY

PTR HARTMANN

A Phoenix Mecano Company

Spacing 5.08 mm

Order Data (Spacing 5.08 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	10.86	AKZ120/2DS-5.08-V-GREY	50120020110 G	250
3	15.94	AKZ120/3DS-5.08-V-GREY	50120030110 G	250
4	21.02	AKZ120/4DS-5.08-V-GREY	50120040110 G	250
5	26.10	AKZ120/5DS-5.08-V-GREY	50120050110 G	250
6	31.18	AKZ120/6DS-5.08-V-GREY	50120060110 F	200
7	36.26	AKZ120/7DS-5.08-V-GREY	50120070110 F	200
8	41.34	AKZ120/8DS-5.08-V-GREY	50120080110 E	100
9	46.42	AKZ120/9DS-5.08-V-GREY	50120090110 E	100
10	51.50	AKZ120/10DS-5.08-V-GREY	50120100110 E	100
11	56.58	AKZ120/11DS-5.08-V-GREY	50120110110 E	100
12	61.66	AKZ120/12DS-5.08-V-GREY	50120120110 E	100

Technical drawing

