



Wire sizes

Solid min	0.2 mm ²
Solid max	2.5 mm ²
Stranded (flexible) min	0.2mm 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	6.0 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 (without mech. load)	-40 °C - 105 °C
Store Temperature	-40 °C - 105 °C

Wave Soldering Process

Soldering Temperature, recommended	260 °C
Peak Soldering Time, recommended	3-4 s

Reflow Process

Soldering Temperature, recommended	-
Peak Soldering Time, recommended	-

Spacing 5.08 mm

Colours

GREY, RAL 7016

BLUE, RAL 5015

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

Ratings

UseGroup	UL [®]			VDE	
	B	C	D		
Rated Voltage	300 V	-	300 V	250 V	
Rated Current	20 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	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	Order Data: 50000000006
	Bridge, 3-pole, insulated, BRI/3-5.0/5.08-LIGHT GREY	Order Data: 50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	Order Data: 50000000008

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.86	AKZ120/2DS-5.08-H-GREY	50120020130 G	250
3	15.94	AKZ120/3DS-5.08-H-GREY	50120030130 G	250
4	21.02	AKZ120/4DS-5.08-H-GREY	50120040130 G	250
5	26.10	AKZ120/5DS-5.08-H-GREY	50120050130 G	250
6	31.18	AKZ120/6DS-5.08-H-GREY	50120060130 F	200
7	36.26	AKZ120/7DS-5.08-H-GREY	50120070130 F	200
8	41.34	AKZ120/8DS-5.08-H-GREY	50120080130 E	100
9	46.42	AKZ120/9DS-5.08-H-GREY	50120090130 E	100
10	51.50	AKZ120/10DS-5.08-H-GREY	50120100130 E	100
11	56.58	AKZ120/11DS-5.08-H-GREY	50120110130 E	100
12	61.66	AKZ120/12DS-5.08-H-GREY	50120120130 E	100



Technical Data // **AKZ120/..DS-5.08-H-GRAU**

Spacing 5.08 mm

Technical drawing

