



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 (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 15.24 mm

Colours

BLACK, RAL 9011

PEBBLE GREY, RAL 7032

GREEN, RAL 6018

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

	cFUS			VDE	
UseGroup	B	C	D		
Rated voltage	600 V	600 V	-	1000 V	
Rated current	20 A	20 A	-	24 A	
Rated wire size				min	max
- solid	AWG 22-12	AWG 22-12	-	0.5 mm ²	4.0 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	2.20 kV	2.20 kV	-	3.5 kV	

Accessoires

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

Order Data (Spacing 15.24 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	23.46	AKZ710/2-15.24-V-GREEN	50710020253 E	100
3	38.70	AKZ710/3-15.24-V-GREEN	50710030253 E	100
4	53.94	AKZ710/4-15.24-V-GREEN	50710040253 D	50
5	69.18	AKZ710/5-15.24-V-GREEN	50710050253 D	50
6	84.42	AKZ710/6-15.24-V-GREEN	50710060253 D	50

