



Highlights

2 to 8 poles

Single mold

Spacing 7.62 mm

Lift type

Wire entry vertical to PCB

Wire Sizes

Solid min	0.14 mm ²
Solid max	1.5 mm ²
Stranded (flexible) min	0.14 mm ²
Stranded (flexible) max	1.0 mm ²
Stranded with ferrule min	0.25 mm ²
Stranded with ferrule max	0.5 mm ²

Dimensions

Stripped length	5.0 mm
PCB hole diameter	1.1 mm

Materials

Clamp	Brass
Screw	Bronze
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

Spacing 7.62 mm

Reflow Process

Soldering temperature, recommended -

Peak soldering time, recommended -

Colours

GREEN, RAL 6018

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		750 V
Rated current	10 A	10 A	-		13.5 A
Rated wire size				min	max
- solid	AWG 30-16	AWG 30-16	AWG 30-16	0.5 mm ²	1.0 mm ²
- stranded	AWG 30-16	AWG 30-16	AWG 30-16	0.5 mm ²	1.0 mm ²
Torque	0.25 Nm	0.25 Nm	0.25 Nm		0.20 Nm
Screw size	M2	M2	M2		M2
Test voltage	1.60 kV	1.30 kV	1.60 kV		3.0 kV

Accessoires

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-7.0/7.62-L7.5-LIGHT GREY	Order Data: 50000000018

Order Data (Spacing 7.62 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	3817.62	AKZ602/2-7.62-V-GREEN	50602020061 F	200
3	3825.24	AKZ602/3-7.62-V-GREEN	50602030061 F	200
4	3832.86	AKZ602/4-7.62-V-GREEN	50602040061 E	100
5	3840.48	AKZ602/5-7.62-V-GREEN	50602050061 E	100
6	3848.10	AKZ602/6-7.62-V-GREEN	50602060061 D	50
7	3855.72	AKZ602/7-7.62-V-GREEN	50602070061 D	50
8	3863.34	AKZ602/8-7.62-V-GREEN	50602080061 D	50



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Technical Data // AKZ602/..-7.62-V-GREEN

Spacing 7.62 mm

Technical drawing

