



Highlights

2 to 16 poles

Single mold

Spacing 3.81 mm

Lift type

Wire entry parallel 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	-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 3.81 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

						
UseGroup	B	C	D			
Rated voltage	300 V	-	-	130 V		
Rated current	10 A	-	-	13.5 A		
Rated wire size				min	max	
- solid	AWG 30-16	-	-	0.5 mm ²	1.0 mm ²	
- stranded	AWG 30-16	-	-	0.5 mm ²	1.0 mm ²	
Torque	0.25 Nm	-	-	0.20 Nm		
Screw size	M2	-	-	M2		
Test voltage	1.60 kV	-	-	1.25 kV		

Accessoires

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-7.0/7.62-L7.5-LIGHT GREY	Order data: 50000000018
	Bridge, 2-pole, angled, BR/2-3.5/3.81-H-L4.7	Order data: 50000000019
	Bridge, 2-pole, BR/2-3.5/3.81-L4.7	Order data: 50000000013
	Bridge, 3-pole, BR/3-3.5/3.81-L4.7	Order data: 50000000014



Technical Data // **AKZ602/..-3.81-V-GREEN**

Spacing 3.81 mm

Order Data (Spacing 3.81 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	7.62	AKZ602/2-3.81-V-GREEN	50602020021 F	200
3	11.43	AKZ602/3-3.81-V-GREEN	50602030021 F	200
4	15.24	AKZ602/4-3.81-V-GREEN	50602040021 F	200
5	19.05	AKZ602/5-3.81-V-GREEN	50602050021 F	200
6	22.86	AKZ602/6-3.81-V-GREEN	50602060021 E	100
7	26.67	AKZ602/7-3.81-V-GREEN	50602070021 E	100
8	30.48	AKZ602/8-3.81-V-GREEN	50602080021 E	100
9	34.29	AKZ602/9-3.81-V-GREEN	50602090021 E	100
10	38.10	AKZ602/10-3.81-V-GREEN	50602100021 D	50
11	41.91	AKZ602/11-3.81-V-GREEN	50602110021 D	50
12	45.72	AKZ602/12-3.81-V-GREEN	50602120021 D	50
13	49.53	AKZ602/13-3.81-V-GREEN	50602130021 D	50
14	53.34	AKZ602/14-3.81-V-GREEN	50602140021 D	50
15	57.15	AKZ602/15-3.81-V-GREEN	50602150021 D	50
16	60.96	AKZ602/16-3.81-V-GREEN	50602160021 D	50

Technical drawing

