

Technical Data // AKZ601/..-3.81-V-GREEN

Spacing 3.81 mm

**Highlights**

2 to 24 poles

Single mold

Spacing 3.81 mm

Lift type

Wire entry parallel to PCB

Wire Sizes

Solid min	0.08 mm ²
Solid max	1.5 mm ²
Stranded (flexible) min	0.08 mm ²
Stranded (flexible) max	1.0 mm ²
Stranded with ferrule min	0.14 mm ²
Stranded with ferrule max	0.34 mm ²

Dimensions

Stripped length	6.0 mm
PCB hole diameter	1.2 mm

Materials

Clamp	Brass
Screw	Steel
Solder tab	Brass

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

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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	150 V	-	-	130 V	
Rated current	10 A	-	-	10 A	
Rated wire size				min	max
- solid	AWG 28-16	-	-	0.2 mm²	1.0 mm²
- stranded	AWG 28-16	-	-	0.2 mm²	1.0 mm²
Torque	0.20 Nm	-	-	0.20 Nm	
Screw size	M2	-	-	M2	
Test voltage	1.30 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-L7.5	Order Data: 50000000029
	Bridge, 2-pole, BR/2-3.5/3.81-L7.5	Order Data: 50000000015
	Bridge, 3-pole, BR/3-3.5/3.81-L7.5	Order Data: 50000000016

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Order Data (Spacing 3.81 mm)				
Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	7.71	AKZ601/2-3.81-V-GREEN	50601020021 F	200
3	11.52	AKZ601/3-3.81-V-GREEN	50601030021 F	200
4	15.33	AKZ601/4-3.81-V-GREEN	50601040021 F	200
5	19.14	AKZ601/5-3.81-V-GREEN	50601050021 F	200
6	22.95	AKZ601/6-3.81-V-GREEN	50601060021 E	100
7	26.76	AKZ601/7-3.81-V-GREEN	50601070021 E	100
8	30.57	AKZ601/8-3.81-V-GREEN	50601080021 E	100
9	34.38	AKZ601/9-3.81-V-GREEN	50601090021 E	100
10	38.19	AKZ601/10-3.81-V-GREEN	50601100021 D	50
11	42.00	AKZ601/11-3.81-V-GREEN	50601110021 D	50
12	45.81	AKZ601/12-3.81-V-GREEN	50601120021 D	50
13	49.62	AKZ601/13-3.81-V-GREEN	50601130021 D	50
14	53.43	AKZ601/14-3.81-V-GREEN	50601140021 D	50
15	57.24	AKZ601/15-3.81-V-GREEN	50601150021 D	50
16	61.05	AKZ601/16-3.81-V-GREEN	50601160021 D	50
17	64.86	AKZ601/17-3.81-V-GREEN	50601170021 D	50
18	68.67	AKZ601/18-3.81-V-GREEN	50601180021 D	50
19	72.48	AKZ601/19-3.81-V-GREEN	50601190021 D	50
20	76.29	AKZ601/20-3.81-V-GREEN	50601200021 D	50
21	80.10	AKZ601/21-3.81-V-GREEN	50601210021 D	50
22	83.91	AKZ601/22-3.81-V-GREEN	50601220021 D	50
23	87.72	AKZ601/23-3.81-V-GREEN	50601230021 D	50
24	91.53	AKZ601/24-3.81-V-GREEN	50601240021 D	50

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Technical drawing

