



Highlights

2 to 24 poles

Single mold

Lift type

Spacing 3.5 mm

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	-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

**Technical Data // AK601/..-3.5-V-GREEN**

Spacing 3.5 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	C  US				
	B	C	D	min	max
Rated voltage	150 V	-	-	130 V	
Rated current	10 A	-	-	10 A	
Rated wire size				min	max
- solid	AWG 28-16	-	-	0.2 mm ²	1.0 mm ²
- stranded	AWG 28-16	-	-	0.2 mm ²	1.0 mm ²
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



Spacing 3.5 mm

Order Data (Spacing 3.5 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	7.40	AK601/2-3.5-V-GREEN	50601020001 F	200
3	10.90	AK601/3-3.5-V-GREEN	50601030001 F	200
4	14.40	AK601/4-3.5-V-GREEN	50601040001 F	200
5	17.90	AK601/5-3.5-V-GREEN	50601050001 F	200
6	21.40	AK601/6-3.5-V-GREEN	50601060001 E	100
7	24.90	AK601/7-3.5-V-GREEN	50601070001 E	100
8	28.40	AK601/8-3.5-V-GREEN	50601080001 E	100
9	31.90	AK601/9-3.5-V-GREEN	50601090001 E	100
10	35.40	AK601/10-3.5-V-GREEN	50601100001 D	50
11	38.90	AK601/11-3.5-V-GREEN	50601110001 D	50
12	42.40	AK601/12-3.5-V-GREEN	50601120001 D	50
13	45.90	AK601/13-3.5-V-GREEN	50601130001 D	50
14	49.40	AK601/14-3.5-V-GREEN	50601140001 D	50
15	52.90	AK601/15-3.5-V-GREEN	50601150001 D	50
16	56.40	AK601/16-3.5-V-GREEN	50601160001 D	50
17	59.90	AK601/17-3.5-V-GREEN	50601170001 D	50
18	63.40	AK601/18-3.5-V-GREEN	50601180001 D	50
19	66.90	AK601/19-3.5-V-GREEN	50601190001 D	50
20	70.40	AK601/20-3.5-V-GREEN	50601200001 D	50
21	73.90	AK601/21-3.5-V-GREEN	50601210001 D	50
22	77.40	AK601/22-3.5-V-GREEN	50601220001 D	50
23	80.90	AK601/23-3.5-V-GREEN	50601230001 D	50
24	84.40	AK601/24-3.5-V-GREEN	50601240001 D	50



Technical Data // **AK601/..-3.5-V-GREEN**

Spacing 3.5 mm

Technical drawing

