



Highlights

- 2 to 16 poles
- 2 and 3 pole modules
- Spacing 9.52 mm
- Lift type
- Wire entry parallel to PCB
- 32 A max. with 4.0 mm² wire
- Max. 1.000 V

Wire Sizes

Solid min	0.2 mm ²
Solid max	6.0 mm ²
Stranded (flexible) min	0.2 mm ²
Stranded (flexible) max	4.0 mm ²
Stranded with ferrule min	0.25 mm ²
Stranded with ferrule max	4.0 mm ²

Dimensions

Stripped length	7.0 mm
PCB hole diameter	1.6 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

Spacing 9.52 mm

Wave Soldering Process

Soldering temperature, recommended	260 °C
Peak soldering time, recommended	3-4 s

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	min	max
Rated voltage	300 V	300 V	600 V	1000 V	
Rated current	30 A	30 A	5 A	32 A	
Rated wire size				min	max
- solid	AWG 28-10	AWG 28-10	AWG 28-10	0.2 mm ²	4.0 mm ²
- stranded	-	-	-	-	-
- stranded (flexible)	AWG 28-10	AWG 28-10	AWG 28-10	0.2 mm ²	4.0 mm ²
Torque	0.80 Nm	0.80 Nm	0.80 Nm	0.80 Nm	
Screw size	M3.5	M3.5	M3.5	M3.5	
Test voltage	1.60 kV	1.60 kV	2.20 kV	3.5 kV	



Technical Data // **AKZ841/..-9.52-V-GREEN**

Spacing 9.52 mm

Order Data (Spacing 9.52 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	19.54	AKZ841/2-9.52-V-GREEN	50841020201 D	50
3	29.06	AKZ841/3-9.52-V-GREEN	50841030201 D	50
4	38.58	AKZ841/4-9.52-V-GREEN	50841040201 D	50
5	48.10	AKZ841/5-9.52-V-GREEN	50841050201 D	50
6	57.62	AKZ841/6-9.52-V-GREEN	50841060201 D	50
7	67.14	AKZ841/7-9.52-V-GREEN	50841070201 D	50
8	76.66	AKZ841/8-9.52-V-GREEN	50841080201 D	50
9	86.18	AKZ841/9-9.52-V-GREEN	50841090201 D	50
10	95.70	AKZ841/10-9.52-V-GREEN	50841100201 D	50
11	105.22	AKZ841/11-9.52-V-GREEN	50841110201 D	50
12	114.74	AKZ841/12-9.52-V-GREEN	50841120201 D	50
13	124.26	AKZ841/13-9.52-V-GREEN	50841130201 D	50
14	133.78	AKZ841/14-9.52-V-GREEN	50841140201 D	50
15	143.30	AKZ841/15-9.52-V-GREEN	50841150201 D	50
16	152.82	AKZ841/16-9.52-V-GREEN	50841160201 D	50

Technical drawing

