



#### Wire Sizes

Solid min	0.14 mm <sup>2</sup>
Solid max	2.5 mm <sup>2</sup>
Stranded (flexible) min	0.14 mm <sup>2</sup>
Stranded (flexible) max	1.5 mm <sup>2</sup>
Stranded with ferrule min	0.25 mm <sup>2</sup>
Stranded with ferrule max	1.5 mm <sup>2</sup>

#### Dimensions

Stripped length	6.0 mm
PCB hole diameter	1.3 mm

#### Materials

Clamp	Brass
Screw	Steel
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

#### Reflow Process

Soldering temperature, recommended	-
Peak soldering time, recommended	-

**Technical Data // AKZ350/..-10.16-H-GREEN-HC**

Spacing 10.16 mm

**Colours**

GREEN, RAL 6018

LIGHT GREY, RAL 7035

BLUE, RAL 5015

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	150 V	300 V	1.000 V	
Rated current	19 A	19 A	10 A	24 A	
Rated wire size				min	max
- solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>
- stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm <sup>2</sup>	1.5 mm <sup>2</sup>
Torque	0.50 Nm	0.50 Nm	0.50 Nm	0.50 Nm	
Screw size	M3	M3	M3	M3	
Test voltage	1.60 kV	1.30 kV	1.60 kV	3.5 kV	

**Order Data (Spacing 10.16 mm)**

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	15.84	AKZ350/2-10.16-H-GREEN-HC	50350020229 F	200
3	26.00	AKZ350/3-10.16-H-GREEN-HC	50350030229 F	200
4	36.16	AKZ350/4-10.16-H-GREEN-HC	50350040229 E	100
5	46.32	AKZ350/5-10.16-H-GREEN-HC	50350050229 E	100
6	56.48	AKZ350/6-10.16-H-GREEN-HC	50350060229 D	50
7	66.64	AKZ350/7-10.16-H-GREEN-HC	50350070229 D	50
8	76.80	AKZ350/8-10.16-H-GREEN-HC	50350080229 D	50
9	86.96	AKZ350/9-10.16-H-GREEN-HC	50350090229 D	50
10	97.12	AKZ350/10-10.16-H-GREEN-HC	50350100229 D	50
11	107.28	AKZ350/11-10.16-H-GREEN-HC	50350110229 D	50
12	117.44	AKZ350/12-10.16-H-GREEN-HC	50350120229 D	50

