



#### 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	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

#### Reflow Process

Soldering temperature, recommended	-
Peak soldering time, recommended	-

Spacing 5.0 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	UL <sup>®</sup>			VDE	
	B	C	D		
Rated voltage	300 V	150 V	300 V		250 V
Rated current	15 A	15 A	10 A		17.5 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		2.0 kV

**Accessoires**

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-5.0/5.08-LIGHT GREY	Order Data: 50000000006
	Bridge, 3-pole, insulated, BRI/3-5.0/5.08-LIGHT GREY	Order Data: 50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	Order Data: 50000000008



Technical Data // **AK350/..-5.0-V-GREEN**

Spacing 5.0 mm

Order Data (Spacing 5.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	10.60	AK350/2-5.0-V-GREEN	50350020005 F	200
3	15.60	AK350/3-5.0-V-GREEN	50350030005 F	200
4	20.60	AK350/4-5.0-V-GREEN	50350040005 F	200
5	25.60	AK350/5-5.0-V-GREEN	50350050005 F	200
6	30.60	AK350/6-5.0-V-GREEN	50350060005 E	100
7	35.60	AK350/7-5.0-V-GREEN	50350070005 E	100
8	40.60	AK350/8-5.0-V-GREEN	50350080005 E	100
9	45.60	AK350/9-5.0-V-GREEN	50350090005 E	100
10	50.60	AK350/10-5.0-V-GREEN	50350100005 D	50
11	55.60	AK350/11-5.0-V-GREEN	50350110005 D	50
12	60.60	AK350/12-5.0-V-GREEN	50350120005 D	50

Technical drawing

