



Highlights

2 to 12 poles

2 and 3 pole modules

Spacing 7.5 mm

Lift type

Wire entry parallel to PCB

Wire Sizes

Solid min	0.14 mm ²
Solid max	2.5 mm ²
Stranded (flexible) min	0.14 mm ²
Stranded (flexible) max	1.5 mm ²
Stranded with ferrule min	0.25 mm ²
Stranded with ferrule max	1.5 mm ²

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

Spacing 7.5 mm

Reflow Process

Soldering temperature, recommended -

Peak soldering time, recommended -

Colours

GREEN, RAL 6018

BLACK, RAL 9011

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		750 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 ²	2.5 mm ²
- stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²	1.5 mm ²
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		3.0 kV

Accessoires

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-7.5/7.62-L8.2-LIGHT GREY	Order Data: 50000000017

Order Data (Spacing 7.5 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	15.60	AK360/2-7.5-V-GREEN	50360020005 F	200
3	23.10	AK360/3-7.5-V-GREEN	50360030005 F	200
4	30.60	AK360/4-7.5-V-GREEN	50360040005 F	200
5	38.10	AK360/5-7.5-V-GREEN	50360050005 E	100
6	45.60	AK360/6-7.5-V-GREEN	50360060005 E	100
7	53.10	AK360/7-7.5-V-GREEN	50360070005 E	100
8	60.60	AK360/8-7.5-V-GREEN	50360080005 E	100
9	68.10	AK360/9-7.5-V-GREEN	50360090005 E	100
10	75.60	AK360/10-7.5-V-GREEN	50360100005 D	50
11	83.10	AK360/11-7.5-V-GREEN	50360110005 D	50
12	90.60	AK360/12-7.5-V-GREEN	50360120005 D	50

