



Highlights

2 to 12 poles

2 and 3 pole modules

Spacing 7.5 mm

Lift type

Wire entry vertical 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 | -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 |

Spacing 7.5 mm

Reflow Process

Soldering temperature, recommended -

Peak soldering time, recommended -

Colours

GREEN, RAL 6018

BLACK, RAL 9011

Colours according to RAL, there may be variations on colour due to production conditions.
Special colours on request.

Ratings

| | UL | | | VDE | |
|-----------------|-----------|-----------|-----------|---------------------|---------------------|
| 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-H-GREEN | 50360020207 F | 200 |
| 3 | 23.10 | AK360/3-7.5-H-GREEN | 50360030207 F | 200 |
| 4 | 30.60 | AK360/4-7.5-H-GREEN | 50360040207 F | 200 |
| 5 | 38.10 | AK360/5-7.5-H-GREEN | 50360050207 E | 100 |
| 6 | 45.60 | AK360/6-7.5-H-GREEN | 50360060207 E | 100 |
| 7 | 53.10 | AK360/7-7.5-H-GREEN | 50360070207 E | 100 |
| 8 | 60.60 | AK360/8-7.5-H-GREEN | 50360080207 E | 100 |
| 9 | 68.10 | AK360/9-7.5-H-GREEN | 50360090207 E | 100 |
| 10 | 75.60 | AK360/10-7.5-H-GREEN | 50360100207 D | 50 |
| 11 | 83.10 | AK360/11-7.5-H-GREEN | 50360110207 D | 50 |
| 12 | 90.60 | AK360/12-7.5-H-GREEN | 50360120207 D | 50 |

