



### 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 <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 | -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

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 <sup>2</sup>                                                                 | 2.5 mm <sup>2</sup> |
| - stranded            | -                                                                                 | -         | -         | -                                                                                   | -                   |
| - stranded (flexible) | 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   | 3.0 kV                                                                              |                     |

### Accessoires

| Figure                                                                              | Designation                                               | Article Number       |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------|
|  | Bridge, 2-pole, insulated, BRI/2-7.5/7.62-L8.2-LIGHT GREY | Art.-Nr. 50000000017 |



**PTR HARTMANN**

A Phoenix Mecano Company

**Technical Data // AK360/..-7.5-V-GREEN**

Spacing 7.5 mm

**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  |

**Technical drawing**

