

Printview: PCB terminal strip; 1 solder pin/pole, staggered; 9-pole; pin spacing 3.5 mm / 0.138 in; with push-button; without test port - Item No.: 805-309

**WAGO**® online catalog / eShop

## PCB terminal strip; 1 solder pin/pole, staggered; 9-pole; pin spacing 3.5 mm / 0.138 in; with push-button; without test port

Item No.: 805-309



PCB terminal strip; 1 solder pin/pole, staggered; 9-pole; pin spacing 3.5 mm / 0.138 in; with push-button; without test port

### Marking

RoHS ✓  
Compliant

### Business data

|                      |               |
|----------------------|---------------|
| Supplier             | WAGO          |
| Item no.             | 805-309       |
| GTIN / EAN           | 4045454731823 |
| Content              | 1             |
| Order amount         | 35            |
| Customer item number |               |

### Notes

Terminal strips with push-button actuated Push-in CAGE CLAMP® Push-in termination of solid and ferruled, fine-stranded conductors Push-buttons that close flush with minimal force for convenient termination/removal of fine-stranded conductors Convenient, tool-free operation Versions with/without test slots and spacers Versions available with custom internal commoning (factory assembly), e.g., commoning ground conductor

### Technical data

#### Miscellaneous

|                                   |                     |
|-----------------------------------|---------------------|
| No. of poles                      | 9                   |
| Pin Spacing                       | 3.5 mm (0.137 in %) |
| Total number of connection points | 9                   |
| Total number of potentials        | 9                   |
| Color                             | gray                |

| Technical data                                                |                                                   |
|---------------------------------------------------------------|---------------------------------------------------|
| <i>Ratings according to 1</i>                                 | <i>IEC/EN 60664-1</i>                             |
| <i>Overvoltage category EN 1</i>                              | <i>III</i>                                        |
| <i>Pollution degree (1)</i>                                   | <i>2</i>                                          |
| <i>Rated voltage EN (1) [V]</i>                               | <i>320 [V]</i>                                    |
| <i>Rated surge voltage (1) [kV]</i>                           | <i>4 [kV]</i>                                     |
| <i>Nominal current [A]</i>                                    | <i>17.5 [A]</i>                                   |
| <i>Overvoltage category EN 2</i>                              | <i>II</i>                                         |
| <i>Degree of pollution (2)</i>                                | <i>2</i>                                          |
| <i>Rated voltage EN (2) [V]</i>                               | <i>630 [V]</i>                                    |
| <i>Rated surge voltage (2) [kV]</i>                           | <i>4 [kV]</i>                                     |
| <i>Nominal current (2) [A]</i>                                | <i>17.5 [A]</i>                                   |
| <i>Overvoltage category EN 3</i>                              | <i>III</i>                                        |
| <i>Degree of pollution (3)</i>                                | <i>3</i>                                          |
| <i>Rated voltage EN (3) [V]</i>                               | <i>250 [V]</i>                                    |
| <i>Rated surge voltage (3) [kV]</i>                           | <i>4 [kV]</i>                                     |
| <i>Nominal current (3) [A]</i>                                | <i>17.5 [A]</i>                                   |
| <i>Number of individual connection objects at the product</i> | <i>1</i>                                          |
| <i>Connection technology (1)</i>                              | <i>Push-in CAGE CLAMP®</i>                        |
| <i>Solid sizes 1</i>                                          | <i>0.2 ... 1.5 mm<sup>2</sup> / 24 ... 16 AWG</i> |
| <i>Fine-stranded wires 1</i>                                  | <i>0.2 ... 1.5 mm<sup>2</sup> / 24 ... 16 AWG</i> |
| <i>Fine-stranded wires with insulated ferrule 1</i>           | <i>0.25 ... 1 mm<sup>2</sup> / ...</i>            |
| <i>Fine-stranded wires with uninsulated ferrule 1</i>         | <i>0.25 ... 1 mm<sup>2</sup> / ...</i>            |
| <i>Strip length 1</i>                                         | <i>9 ... 10 mm / 0.35 ... 0.39 in</i>             |
| <i>Type of wiring</i>                                         | <i>Side-entry wiring</i>                          |
| <i>Solder pin arrangement</i>                                 | <i>staggered solder pin</i>                       |
| <i>Solder pin length [mm]</i>                                 | <i>3.2 [mm]</i>                                   |
| <i>Solder pin width A [mm]</i>                                | <i>0.5 [mm]</i>                                   |
| <i>Solder pin width B [mm]</i>                                | <i>0.75 [mm]</i>                                  |
| <i>Tolerance of drilled hole [mm]</i>                         | <i>1.1(+ 0.1) [mm]</i>                            |
| <i>Material group</i>                                         | <i>I</i>                                          |
| <i>Insulating material</i>                                    | <i>Polyamide 46 (PA 46)</i>                       |
| <i>Flammability rating per UL 94</i>                          | <i>V0</i>                                         |
| <i>Limit temperature range</i>                                | <i>-60 C ... 105 C</i>                            |
| <i>Clamping spring material</i>                               | <i>Chrome-nickel spring steel (CrNi)</i>          |

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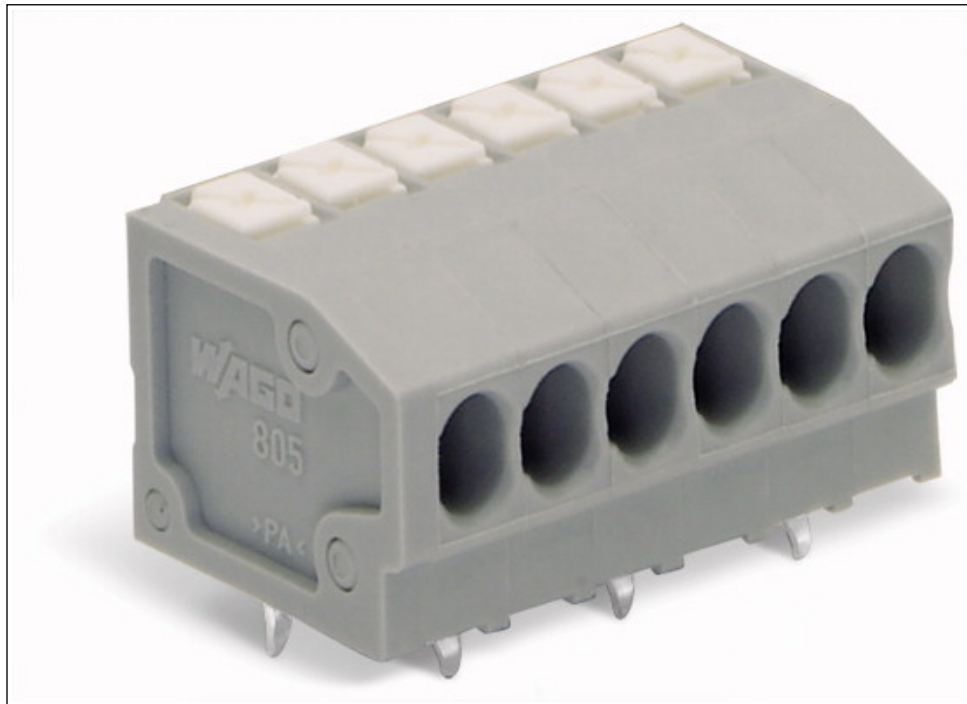
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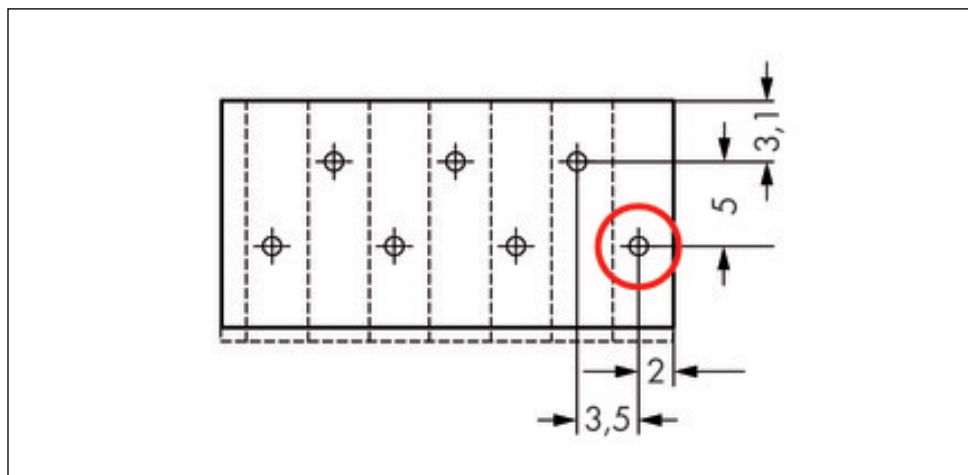
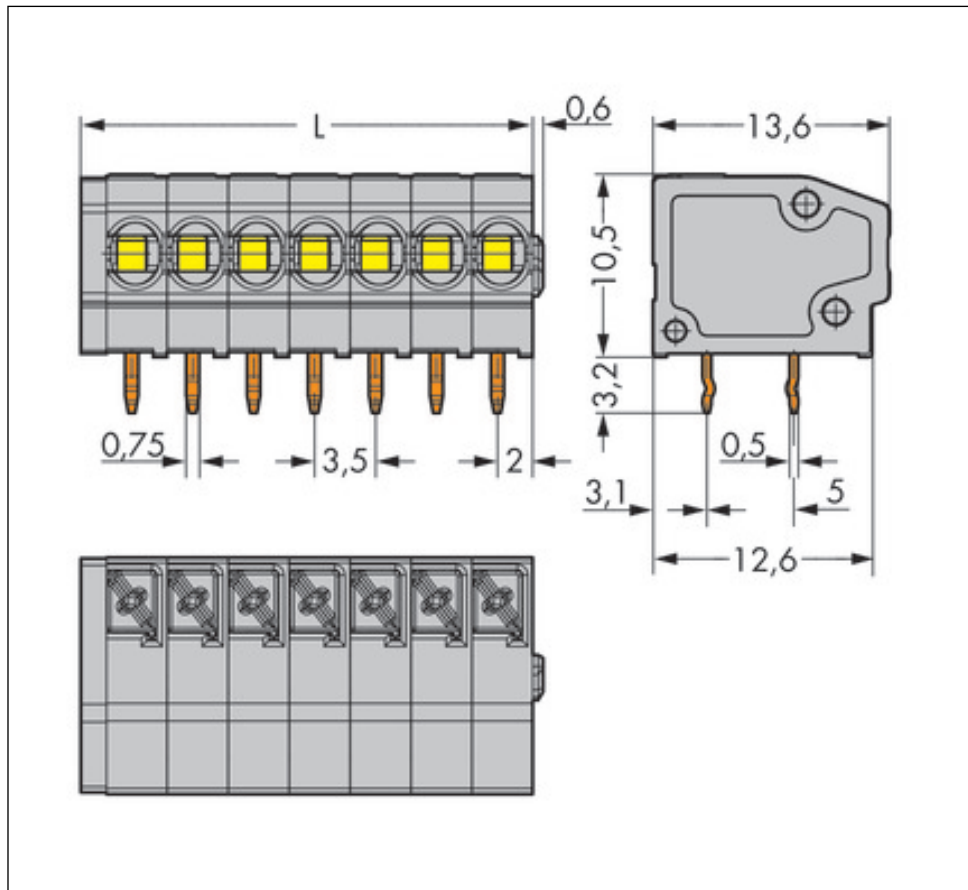
| Technical data          |                           |
|-------------------------|---------------------------|
| Contact material        | Electrolytic copper (Ecu) |
| Contact plating         | tin-plated                |
| Fire load [MJ]          | 0.086 [MJ]                |
| Weight [g]              | 4.299 [g]                 |
| Width                   | 33 mm / 1.299 in          |
| Height                  | 13.7 mm / 0.539 in        |
| Height from the surface | 10.5 mm / 0.413 in        |
| Length                  | 13.6 mm / 0.535 in        |

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#### Images & drawings





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Technische Änderungen und Irrtümer vorbehalten.