



**2-conductor PCB terminal block; Push-button; 0.8 mm<sup>2</sup>; Pin spacing 3.5 mm; 4-pole; PUSH WIRE®**

Item No.: 252-104



2-conductor PCB terminal block; Push-button; 0.8 mm<sup>2</sup>; Pin spacing 3.5 mm; 4-pole; PUSH WIRE®

**Marking**

RoHS ✓  
Compliant

**Business data**

|            |               |
|------------|---------------|
| Supplier   | WAGO          |
| Item no.   | 252-104       |
| GTIN / EAN | 4045454039721 |
| Content    | 1             |
|            |               |
|            |               |

**Notes**

*Item description: 2-conductor, compact PCB connectors with push-buttons and PUSH WIRE® connection Simple push-in termination for solid conductors – conductor removal via push-buttons Double entries for supply and power distribution Quick and easy PCB replacement Loop connection is retained, even when unmated Group arrangement is possible without losing any poles*

**Technical data**

*Miscellaneous*

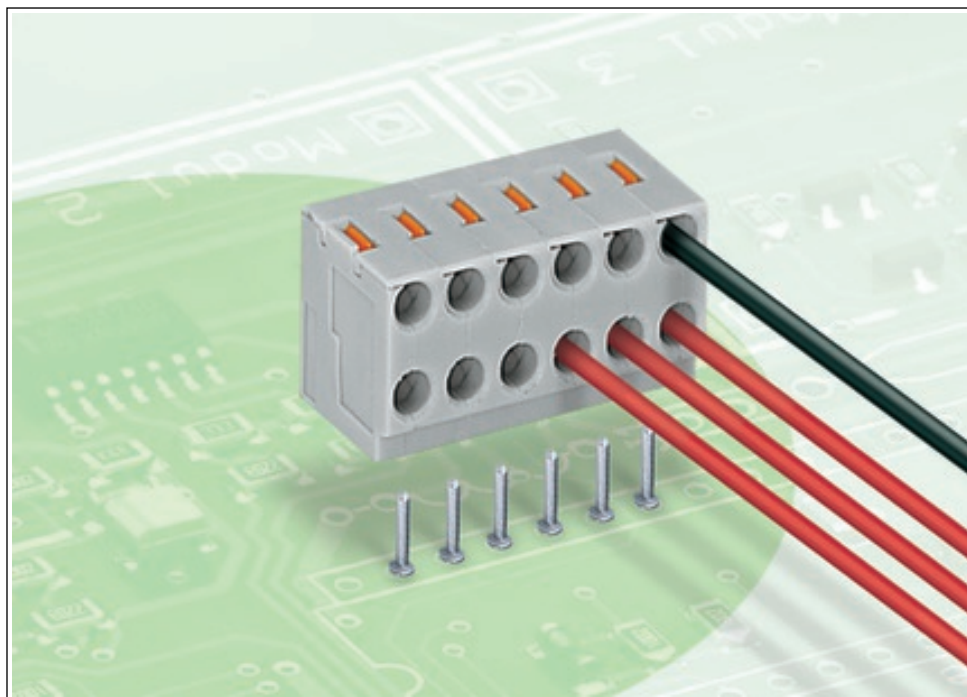
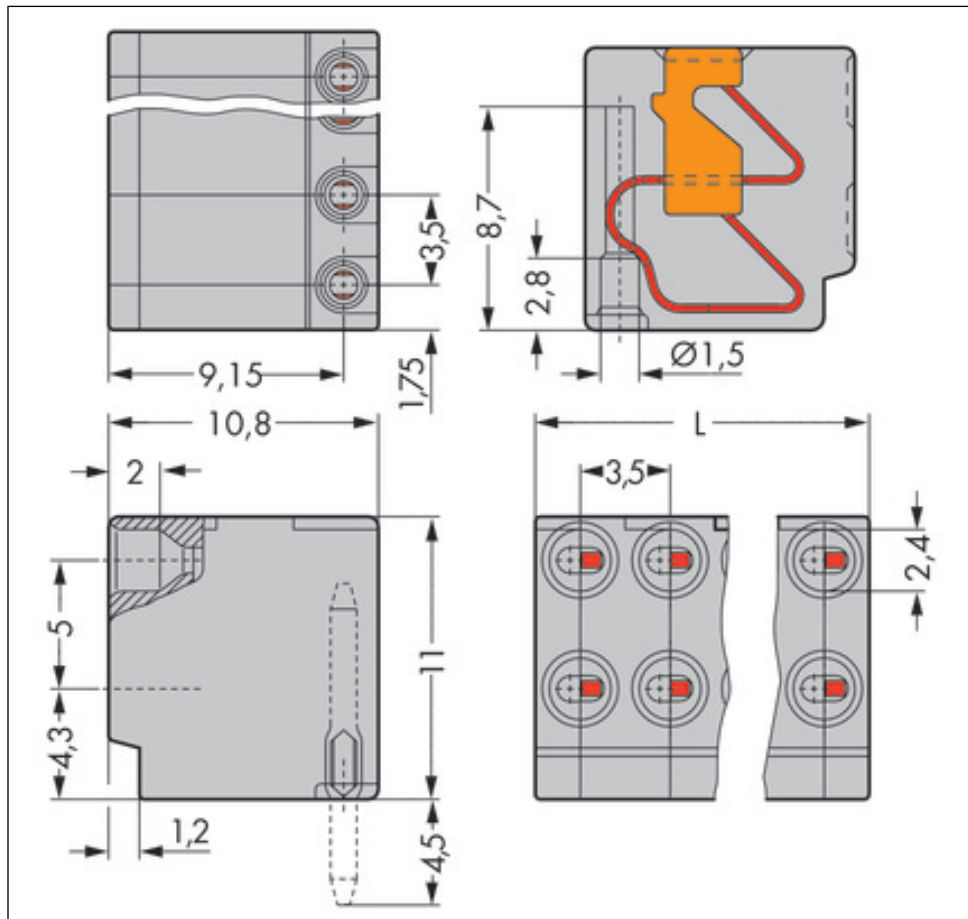
|  |                           |
|--|---------------------------|
| <i>Other versions (or variants) can be requested</i> | <i>Other pole numbers</i> |
|  |                           |

| <b>Technical data</b>                       |  |
|---|--|
| <i>Ratings per</i>                          | <i>IEC/EN 60664-1</i>  |
| <i>Rated voltage (III / 3) [V]</i>          | <i>320 [V]</i>   |
| <i>Rated impulse voltage (III / 3) [kV]</i> | <i>4 [kV]</i>  |
| <i>Rated voltage (III/2) [V]</i>            | <i>320 [V]</i>   |
| <i>Rated impulse voltage (III / 2) [kV]</i> | <i>4 [kV]</i>  |
| <i>Rated voltage (II / 2) [V]</i>           | <i>630 [V]</i>   |
| <i>Rated impulse voltage (II / 2) [kV]</i>  | <i>4 [kV]</i>  |
| <i>Rated current [A]</i>                    | <i>2 [A]</i>   |
| <i>Legend (ratings)</i>                     | <i>(III / 2) Overvoltage category III / Pollution degree 2</i> |
| <i>Approvals per</i>                        | <i>UL 1059</i>   |
| <i>Rated voltage UL (Use Group B) [V]</i>   | <i>300 [V]</i>   |
| <i>Rated current UL (Use Group B) [A]</i>   | <i>2 [A]</i>   |
| <i>Rated voltage UL (Use Group D) [V]</i>   | <i>300 [V]</i>   |
| <i>Rated current UL (Use Group D) [A]</i>   | <i>2 [A]</i>   |
| <i>No. of poles</i>                         | <i>4</i>   |
| <i>Total number of connection points</i>    | <i>8</i>   |
| <i>Total number of potentials</i>           | <i>4</i>   |
| <i>Number of connection types</i>           | <i>1</i>   |
| <i>Number of levels</i>                     | <i>1</i>   |
| <i>Connection technology</i>                | <i>PUSH WIRE®</i>  |
| <i>Actuation type</i>                       | <i>Operating lever</i>   |
| <i>Solid conductor</i>                      | <i>0.4 ... 0.8 mm<sup>2</sup> / 26 ... 20 AWG</i>              |
| <i>Conductor diameter</i>                   | <i>0.4 - 0.8 mm</i>  |
| <i>Strip length</i>                         | <i>6 ... 7 mm / 0.24 ... 0.28 Inch</i>                         |
| <i>Pin spacing</i>                          | <i>3.5 mm (0.138 in)</i>                                       |
| <i>Width</i>                                | <i>14 mm / 0.551 Inch</i>                                      |
| <i>Height</i>                               | <i>11 mm / 0.433 Inch</i>                                      |
| <i>Depth</i>                                | <i>10.5 mm / 0.413 Inch</i>                                    |
| <i>Contact type (pluggable connector)</i>   | <i>Female connector/socket</i>                                 |
| <i>Connector connection type</i>            | <i>for PCBs</i>  |
| <i>Mating direction to the PCB [°]</i>      | <i>90 [°]</i>  |
| <i>PCB contact</i>                          | <i>THT</i>   |
| <i>Color</i>                                | <i>gray</i>  |
| <i>Material group</i>                       | <i>I</i>   |

| <b>Technical data</b>              |  |
|------------------------------------|--|
| <i>Insulating material</i>         | <i>Polyamide 66 (PA 66)</i>              |
| <i>Flammability class per UL94</i> | <i>V0</i>                                |
| <i>Clamping spring material</i>    | <i>Copper alloy</i>                      |
| <i>Contact plating</i>             | <i>tin-plated</i>                        |
| <i>Fire load [MJ]</i>              | <i>0.048 [MJ]</i>                        |
| <i>Weight [g]</i>                  | <i>1.818 [g]</i>                         |
| <i>Limit temperature range</i>     | <i>-60 ... 105 °C</i>                    |
| <i>Pin spacing from [in]</i>       | <i>0.138 [in]</i>                        |
| <i>Pin spacing from [mm]</i>       | <i>3.5 [mm]</i>                          |
| <i>Contact type</i>                | <i>Female connector/socket; for PCBs</i> |
| <i>Ancillary product function</i>  | <i>for individual solder pins</i>        |
| <i>Product type</i>                | <i>Pluggable PCB terminal blocks</i>     |

Images & drawings





**Address**

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Technische Änderungen und Irrtümer vorbehalten.