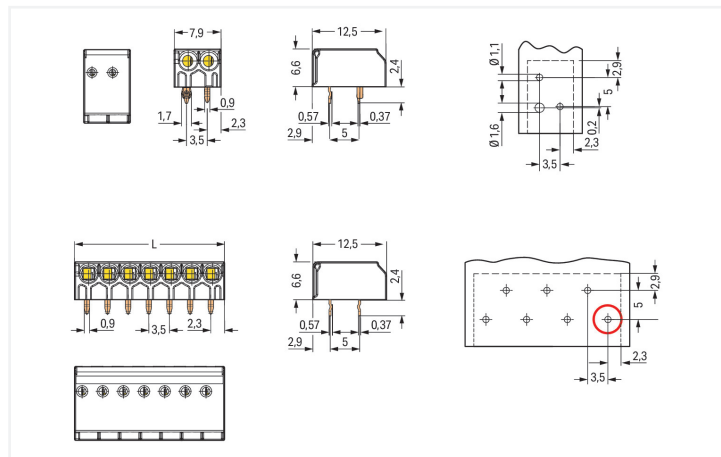


# Data Sheet | Item Number: 744-306/364-000

PCB terminal block; 1.5 mm<sup>2</sup>; Pin spacing 3.5 mm; 6-pole; PUSH WIRE®; white

<https://www.wago.com/744-306/364-000>



Color: ■ white

Similar to illustration

Dimensions in mm

"Two-pole version with additional anti-rotating pin For 3 poles and more, L = (pole no. x pin spacing) + 0.9 mm First solder pin, front right (red circle)"

PCB terminal block, 744 Series, 0° conductor entry to board

This PCB terminal block (item number 744-306/364-000) is designed to connect conductors quickly and easily. It is a universal connector that can be used almost anywhere, for example, as a pluggable PCB connector, panel feedthrough header, connector for rail-mount terminal blocks, or a floating connector for different mounting methods. Ensure that the strip lengths are between 8 and 9 mm when connecting conductors to this PCB terminal block. This product features one conductor terminal and utilizes PUSH WIRE®. Our PUSH WIRE® connection offers a quick and easy solution for connecting solid conductors. Dimensions: (21.9 x 9 x 12.5) mm (width x height x depth). This PCB terminal block is suitable for conductor cross sections ranging from 0.5 mm<sup>2</sup> to 1.5 mm<sup>2</sup>.

Tin is used for coating the contact surfaces. This PCB terminal block is operated with an operating tool. The PCB terminal block is designed for THT soldering. Insert the conductor at an angle of 0°.

## Electrical data

| Ratings per                     | IEC/EN 60664-1 |       |       |
|---------------------------------|----------------|-------|-------|
| Overvoltage category            | III            | III   | II    |
| Pollution degree                | 3              | 2     | 2     |
| Nominal voltage                 | 250 V          | 320 V | 630 V |
| Rated impulse withstand voltage | 4 kV           | 4 kV  | 4 kV  |
| Rated current                   | 3 A            | 3 A   | 3 A   |

| Approvals per | UL 1059 |   |       |
|---------------|---------|---|-------|
| Use group     | B       | C | D     |
| Rated voltage | 300 V   | - | 300 V |
| Rated current | 6 A     | - | 6 A   |

## Connection data

|                            |   |
|----------------------------|---|
| Clamping units             | 6 |
| Total number of potentials | 6 |
| Number of connection types | 1 |
| Number of levels           | 1 |

| Connection 1                          |   |
|---------------------------------------|---|
| Connection technology                 | PUSH WIRE®                                  |
| Actuation type                        | Operating tool                              |
| Solid conductor                       | 0.5 ... 1.5 mm <sup>2</sup> / 20 ... 16 AWG |
| Strip length                          | 8 ... 9 mm / 0.31 ... 0.35 inches           |
| Conductor connection direction to PCB | 0°  |
| Pole number                           | 6   |

### Physical data

|                                      |                          |
|--------------------------------------|--------------------------|
| Pin spacing                          | 3.5 mm / 0.138 inches    |
| Width                                | 21.9 mm / 0.862 inches   |
| Height                               | 9 mm / 0.354 inches      |
| Height from the surface              | 6.6 mm / 0.26 inches     |
| Depth                                | 12.5 mm / 0.492 inches   |
| Solder pin length                    | 2.4 mm                   |
| Solder pin dimensions                | 0.35 x 0.9 mm            |
| Drilled hole diameter with tolerance | 1.1 <sup>(+0.1)</sup> mm |

### PCB contact

|                                     |  |
|-------------------------------------|--|
| PCB contact                         | THT  |
| Solder pin arrangement              | over the entire terminal strip (staggered) |
| Number of solder pins per potential | 1  |

### Material data

|                                    |  |
|------------------------------------|--|
| Note (material data)               | <a href="#">Information on material specifications can be found here</a> |
| Color                              | white  |
| Material group                     | I  |
| Insulation material (main housing) | Polyamide (PA66)   |
| Flammability class per UL94        | V0   |
| Clamping spring material           | Copper alloy   |
| Contact Plating                    | Tin  |
| Fire load                          | 0.031 MJ   |
| Weight                             | 1.7 g  |

### Environmental requirements

|                         |                 |
|-------------------------|-----------------|
| Limit temperature range | -60 ... +105 °C |
|-------------------------|-----------------|

### Commercial data

|                       |               |
|-----------------------|---------------|
| PU (SPU)              | 500 pcs       |
| Packaging type        | Box           |
| Country of origin     | CH            |
| GTIN                  | 4055143812771 |
| Customs tariff number | 85369010000   |

### Product Classification

|             |                      |
|-------------|----------------------|
| UNSPSC      | 39121409             |
| eCl@ss 10.0 | 27-44-04-01          |
| eCl@ss 9.0  | 27-44-04-01          |
| ETIM 9.0    | EC002643             |
| ETIM 10.0   | EC002643             |
| ECCN        | NO US CLASSIFICATION |

### Environmental Product Compliance

|                        |                         |
|------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |
|------------------------|-------------------------|

### Approvals / Certificates


#### General approvals



| Approval                             | Standard | Certificate Name |
|--------------------------------------|----------|------------------|
| AOC<br>DEKRA Certification B.V.      | EN 60998 | 2261942.01-AOC   |
| UL<br>Underwriters Laboratories Inc. | UL 1059  | E45172           |

### Downloads


#### Environmental Product Compliance



| Compliance Search   |
|---|
| Environmental Product Compliance<br>744-306/364-000  |

### Documentation

| Additional Information |            |                   |   |
|------------------------|------------|-------------------|---|
| Technical Section      | 03.04.2019 | pdf<br>2027.26 KB |  |

### CAD/CAE-Data

| CAD data  |
|---|
| 2D/3D Models<br>744-306/364-000  |

| PCB Design   |
|--|
| Symbol and Footprint<br>via SamacSys<br>744-306/364-000         |
| Symbol and Footprint<br>via Ultra Librarian<br>744-306/364-000  |

### Installation Notes

#### Conductor termination



Inserting a conductor via push-in termination.

## Conductor removal



Removing a conductor via 1.0 mm Ø disconnection tool (206-841).