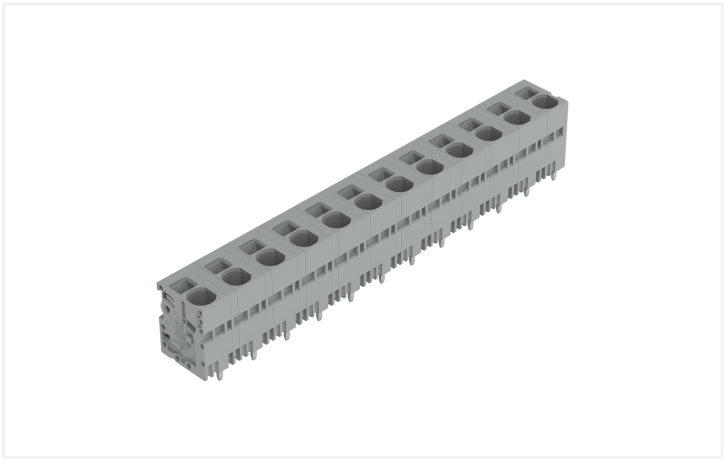
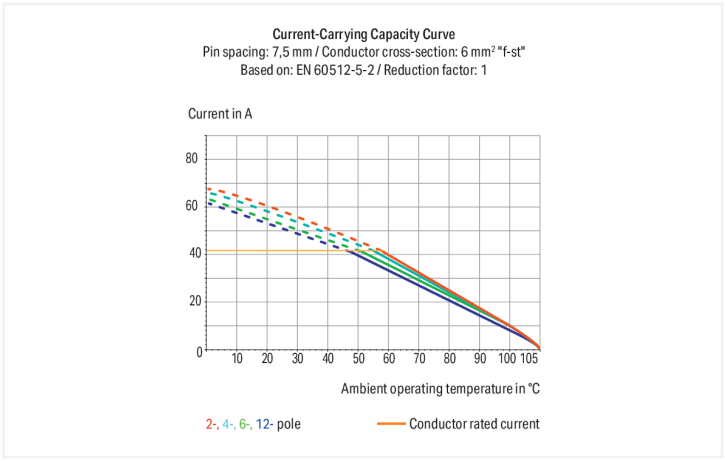
# Data Sheet | Item Number: 2626-3452

PCB terminal block; 6 mm²; Pin spacing 15 mm; 2-pole; Push-in CAGE CLAMP®; 6,00 mm²; gray

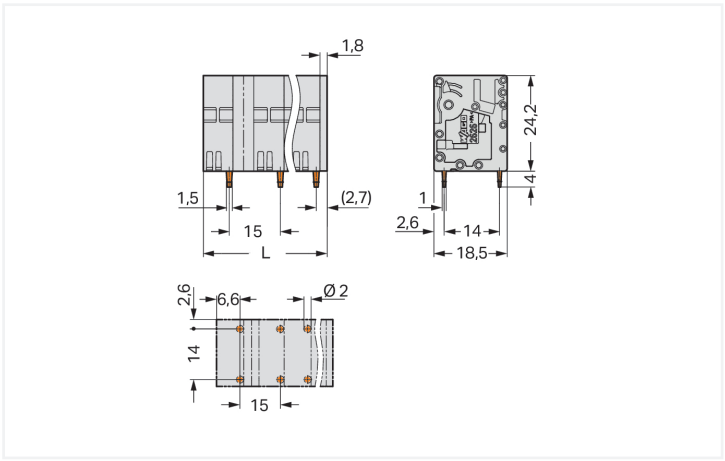
https://www.wago.com/2626-3452






Color: gray

Similar to illustration




L = (pole no. – 1) x pin spacing + 9.3 mm

PCB terminal block, 2626 Series, 90 °conductor entry to board

This PCB terminal block (item number 2626-3452) is designed for simple and secure connections. It is a universal connector that can be used practically anywhere, e.g., 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 13 and 15 mm when connecting conductors to this PCB terminal block. This product features one conductor terminal and utilizes Push-in CAGE CLAMP®. Push-in CAGE CLAMP® technology provides a universal connection solution for all conductor types. It allows both solid and fine-stranded conductors with ferrules to be inserted directly into the clamping point without the need for tools. The dimensions are (16.8 x 28.2 x 18.5) mm (width x height x depth). Depending on the conductor type, this PCB terminal block is ideal for conductor cross sections ranging from 0.2 mm² to 10 mm².

Tin is used for coating the contact surfaces. An operating tool is used to operate this PCB terminal block. THT is used to solder the PCB terminal block. The conductor is designed to be inserted at an angle of 90°..

## Notes

| | |
|---|---|
| General safety information | **NOTICE: Observe installation and safety instructions!**<br><br>**To be sold only with installation instructions!** |
| Variants: | Other pole numbers<br>Direct marking<br>Other colors<br>Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/. |

## Electrical data

| Ratings per | IEC/EN 60664-1 | | |
|---|---|---|---|
| Overvoltage category | III | III | II |
| Pollution degree | 3 | 2 | 2 |
| Nominal voltage | 1000 V | 1000 V | 1000 V |
| Rated impulse withstand voltage | 8 kV | 8 kV | 8 kV |
| Rated current | 48 A | 48 A | 48 A |

| Approvals per | CSA | | |
|---|---|---|---|
| Use group | B | C | D |
| Rated voltage | 600 V | 600 V | - |
| Rated current | 38 A | 38 A | - |

## Connection Data

| | |
|---|---|
| Clamping units | 2 |
| Total number of potentials | 2 |
| Number of connection types | 1 |
| Number of levels | 1 |

### Connection 1

| | |
|---|---|
| Connection technology | Push-in CAGE CLAMP® |
| Actuation type | Operating tool |
| Solid conductor | 0.2 … 10 mm² / 24 … 8 AWG |
| Fine-stranded conductor | 0.2 … 10 mm² / 24 … 8 AWG |
| Fine-stranded conductor; with insulated ferrule | 0.25 … 6 mm² |
| Fine-stranded conductor; with uninsulated ferrule | 0.25 … 6 mm² |
| Fine-stranded conductor; with twin ferrule | 0.25 … 2.5 mm² |
| Strip length | 13 … 15 mm / 0.51 … 0.59 inches |
| Conductor connection direction to PCB | 90 ° |
| Pole number | 2 |

## Physical data

| | |
|---|---|
| Pin spacing | 15 mm / 0.591 inches |
| Width | 16.8 mm / 0.661 inches |
| Height | 28.2 mm / 1.11 inches |
| Height from the surface | 24.2 mm / 0.953 inches |
| Depth | 18.5 mm / 0.728 inches |
| Solder pin length | 4 mm |
| Solder pin dimensions | 1.5 x 1 mm |
| Drilled hole diameter | 2 $^{(+0.1)}$ mm |


Continued on next page

## Mechanical data

| | |
|---|---|
| Mounting type | Feed-through mounting |
| Suitable for through-panel applications | Yes |

## PCB contact

| | |
|---|---|
| PCB contact | THT |
| Solder pin arrangement | over the entire terminal strip (in-line) |
| Number of solder pins per potential | 2 |

## Material data

| | |
|---|---|
| Note (material data) | Information on material specifications can be found here |
| Color | gray |
| Material group | I |
| Insulation material (main housing) | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Clamping spring material | Chrome-nickel spring steel (CrNi) |
| Contact material | Electrolytic copper ($E_{Cu}$) |
| Contact Plating | Tin |
| Fire load | 0.164 MJ |
| Weight | 10.6 g |

## Environmental requirements

| | |
|---|---|
| Limit temperature range | -60 … +105 °C |
| Processing temperature | -35 … +60 °C |

## Commercial data

| | |
|---|---|
| PU (SPU) | 90 pcs |
| Packaging type | Box |
| Country of origin | PL |
| GTIN | 4055143686839 |
| 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 |


Continued on next page

## Downloads

### Environmental Product Compliance

**Compliance Search**

Environmental Product Compliance 2626-3452

### Documentation

**Safety Data Sheet**

| | | |
|---|---|---|
| Handling and Safety Instructions of PCB Terminal Blocks with Push-In Cage Clamp | pdf 393.90 KB | |

**Additional Information**

| | | |
|---|---|---|
| Technical Section | 03.04.2019 | pdf 2027.26 KB |

### CAD/CAE-Data

**PCB Design**

Symbol and Footprint via SamacSys 2626-3452

Symbol and Footprint via Ultra Librarian 2626-3452

## 1 Compatible Products

### 1.1 Optional Accessories

#### 1.1.1 Tool

##### 1.1.1.1 Operating tool



Item No.: 210-721
Operating tool; Blade: 5.5 x 0.8 mm; with a partially insulated shaft; multicoloured

## Installation Notes

### Conductor termination



Insert fine-stranded conductors and remove all conductor types via operating tool.

## Conductor termination



Insert solid conductors via push-in termination.