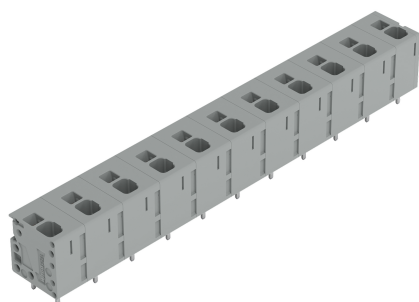


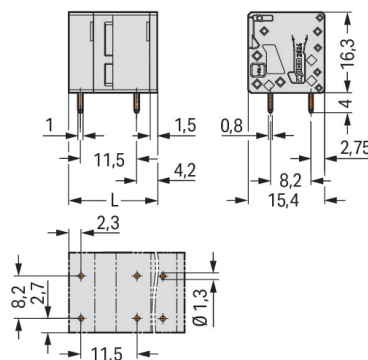
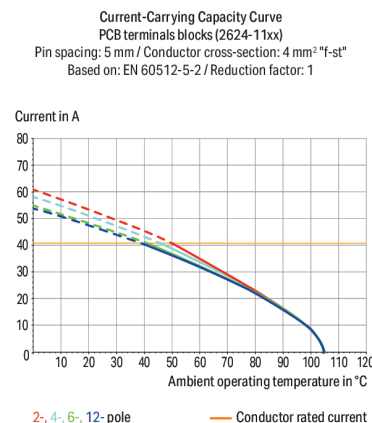
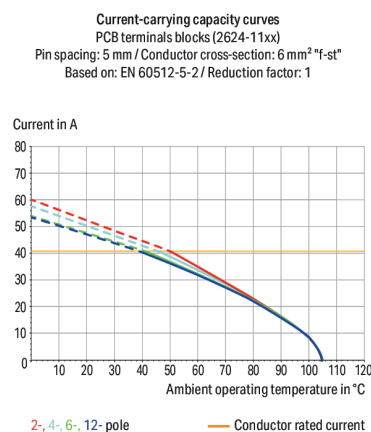
## Data Sheet | Item Number: 2624-3511

PCB terminal block; 4 mm<sup>2</sup>; Pin spacing 11.5 mm; 11-pole; Push-in CAGE CLAMP®; gray

<https://www.wago.com/2624-3511>



Color: ■ gray



Dimensions in mm  
L = (pole no. – 1) x pin spacing + 6.5 mm

PCB terminal block, 2624 Series, 90° conductor entry to board

Our PCB terminal block (item number 2624-3511) is designed for seamless electrical installations. You can count on tried and tested safety with these PCB terminal blocks, perfect for a wide range of applications when designing your devices. Ensure that the strip lengths are between 10 and 12 mm when connecting conductors to this PCB terminal block. This product features one conductor terminal and utilizes Push-in CAGE CLAMP®. Our Push-in CAGE CLAMP® is a universal, maintenance-free connection solution for all conductor types, featuring a winning design: It allows direct insertion of both solid and fine-stranded conductors with ferrules without needing tools. No preparation is required; for example, crimping the conductor's ferrule is not necessary. The dimensions are (121.5 x 20.3 x 15.4) mm (width x height x depth). This PCB terminal block is suitable for conductor cross sections ranging from 0.2 mm<sup>2</sup> to 6 mm<sup>2</sup>. The contact surface is coated with tin. An operating tool is used to operate this PCB terminal block. The PCB terminal block is designed for THT soldering. The conductor is designed to be inserted into the board at a 90° angle..



| Notes     |                                                                                                                                                                                                                      |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Variants: | Other pole numbers<br>Direct marking<br>Other colors<br>Other versions (or variants) can be requested from WAGO Sales or configured at <a href="https://configurator.wago.com/">https://configurator.wago.com/</a> . |

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                   | 41 A   | 41 A           | 41 A   |

| Approvals per |       | UL 1059 |   |
|---------------|-------|---------|---|
| Use group     | B     | C       | D |
| Rated voltage | 600 V | 600 V   | - |
| Rated current | 26 A  | 26 A    | - |

| Approvals per |       | CSA   |   |
|---------------|-------|-------|---|
| Use group     | B     | C     | D |
| Rated voltage | 600 V | 600 V | - |
| Rated current | 26 A  | 26 A  | - |

Connection Data

|                            |    |
|----------------------------|----|
| Clamping units             | 11 |
| Total number of potentials | 11 |
| 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 ... 6 mm² / 24 ... 10 AWG       |
| Fine-stranded conductor                           | 0.2 ... 6 mm² / 24 ... 10 AWG       |
| Fine-stranded conductor; with insulated ferrule   | 0.25 ... 2.5 mm²                    |
| Fine-stranded conductor; with uninsulated ferrule | 0.25 ... 2.5 mm²                    |
| Fine-stranded conductor; with twin ferrule        | 0.25 ... 1.5 mm²                    |
| Strip length                                      | 10 ... 12 mm / 0.39 ... 0.47 inches |
| Conductor connection direction to PCB             | 90 °                                |
| Pole number                                       | 11                                  |

Physical data

|                         |                          |
|-------------------------|--------------------------|
| Pin spacing             | 11.5 mm / 0.453 inches   |
| Width                   | 121.5 mm / 4.783 inches  |
| Height                  | 20.3 mm / 0.799 inches   |
| Height from the surface | 16.3 mm / 0.642 inches   |
| Depth                   | 15.4 mm / 0.606 inches   |
| Solder pin length       | 4 mm                     |
| Solder pin dimensions   | 0.8 x 1 mm               |
| Drilled hole diameter   | 1.3 <sup>(+0.1)</sup> mm |

**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)               | <a href="#">Information on material specifications can be found here</a> |
| 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 <sub>CU</sub> )                                   |
| Contact Plating                    | Tin                                                                      |
| Fire load                          | 0.445 MJ                                                                 |
| Weight                             | 26.5 g                                                                   |

**Environmental requirements**

|                                  |                 |
|----------------------------------|-----------------|
| Limit temperature range          | -60 ... +105 °C |
| Processing temperature           | -35 ... +60 °C  |
| Continuous operating temperature | -60 ... +105 °C |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| PU (SPU)              | 10 pcs        |
| Packaging type        | Box           |
| Country of origin     | PL            |
| GTIN                  | 4066966493542 |
| 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 |
|-----------------------------------------|---------------|------------------|
| CSA<br>DEKRA Certification B.V.         | C22.2 No. 158 | 70117145         |
| cURus<br>Underwriters Laboratories Inc. | UL 1059       | E45172           |
| KEMA/KEUR<br>DEKRA Certification B.V.   | EN 60947-7-4  | 71-100535        |

Downloads

Environmental Product Compliance

| Compliance Search                          |  |
|--------------------------------------------|--|
| Environmental Product Compliance 2624-3511 |  |

Documentation

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

CAD/CAE-Data

| CAD data                  |
|---------------------------|
| 2D/3D Models<br>2624-3511 |

| CAE data                  |
|---------------------------|
| ZUKEN Portal<br>2624-3511 |

| PCB Design                                               |
|----------------------------------------------------------|
| Symbol and Footprint<br>via SamacSys<br>2624-3511        |
| Symbol and Footprint<br>via Ultra Librarian<br>2624-3511 |



1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 Ferrule

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>Item No.: 216-241</b><br>Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white | <br><b>Item No.: 216-242</b><br>Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray | <br><b>Item No.: 216-262</b><br>Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray | <br><b>Item No.: 216-243</b><br>Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red    |
| <br><b>Item No.: 216-263</b><br>Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red     | <br><b>Item No.: 216-244</b><br>Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black | <br><b>Item No.: 216-264</b><br>Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black | <br><b>Item No.: 216-246</b><br>Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue |
| <br><b>Item No.: 216-266</b><br>Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue  | <br><b>Item No.: 216-106</b><br>Ferrule; Sleeve for 2.5 mm² / AWG 14; un-insulated; electro-tin plated; silver-colored                                                             |                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                      |

1.1.2 Tool

1.1.2.1 Operating tool

|                                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>Item No.: 210-720</b><br>Operating tool; Blade: 3.5 x 0.5 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.