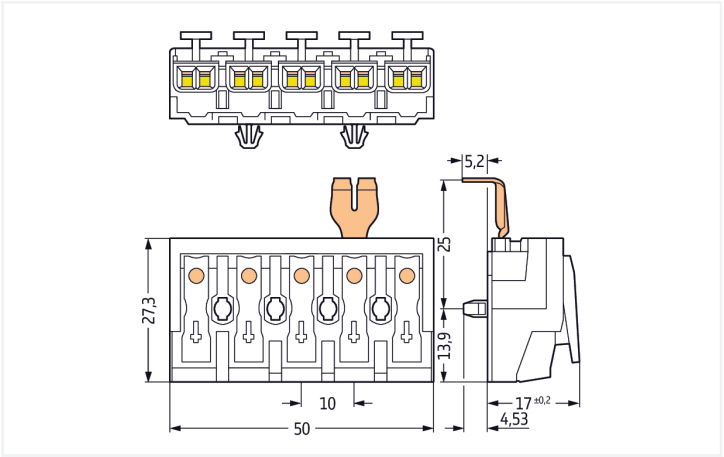
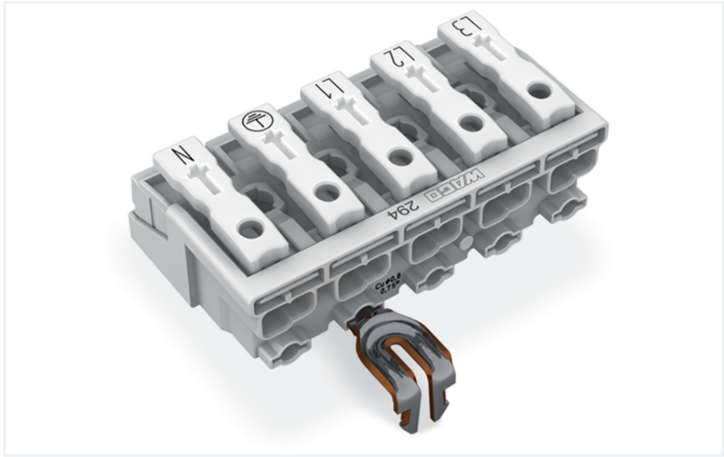


Data Sheet | Item Number: 294-5215

Lighting connector; push-button, external; with snap-in ground contact; L3-L2-L1-PE-N;  
5-pole; Lighting side: for solid conductors; Inst. side: for all conductor types; max. 2.5  
mm<sup>2</sup>; Surrounding air temperature: max 85°C (T85); white

<https://www.wago.com/294-5215>



Color:   white

Field-wiring terminal block, 294 Series, white

Easily, quickly and safely connect conductors with this field-wiring terminal block (item number 294-5215). Strip lengths must be between 8 and 9 mm when connecting conductors to this field-wiring terminal block. This product incorporates four conductor terminals and utilizes Push-in CAGE CLAMP® and PUSH WIRE®. Push-in CAGE CLAMP® technology provides a universal connection solution for any type of conductor. It allows both solid and fine-stranded conductors with ferules to be inserted directly into the clamping point without the need for tools. Our PUSH WIRE® connection is the quick and simple method for connecting solid conductors. The item's dimensions are (50 x 21.53 x 27.3) mm (width x height x depth). Depending on the conductor type, this field-wiring terminal block is suitable for conductor cross sections ranging from 0.5 mm<sup>2</sup> to 2.5 mm<sup>2</sup> on one side and for conductor cross sections from 0.5 mm<sup>2</sup> to 2.5 mm<sup>2</sup> on the other side as well as conductor cross sections from 0.5 mm<sup>2</sup> to 1.5 mm<sup>2</sup> and from 0.5 mm<sup>2</sup> to 0.75 mm<sup>2</sup>.

Tin is used for coating the contact surfaces.

| Electrical data                 |  |                |     |       |
|---------------------------------|--|----------------|-----|-------|
| Ratings per                     |  | IEC/EN 60998-1 |     |       |
| Overvoltage category            |  | III            | III | II    |
| Pollution degree                |  | 3              | 2   | 2     |
| Nominal voltage                 |  | -              | -   | 500 V |
| Rated impulse withstand voltage |  | -              | -   | 4 kV  |
| Rated current                   |  | -              | -   | 24 A  |

| Ratings per IEC/EN – Notes |                   |
|----------------------------|-------------------|
| Ratings (note)             | Connection points |

| Ratings per                     |  | IEC/EN 60998-2-2 |     |       |
|---------------------------------|--|------------------|-----|-------|
| Overvoltage category            |  | III              | III | II    |
| Pollution degree                |  | 3                | 2   | 2     |
| Nominal voltage                 |  | -                | -   | 500 V |
| Rated impulse withstand voltage |  | -                | -   | 4 kV  |
| Rated current                   |  | -                | -   | 24 A  |

| General information |                   |
|---------------------|-------------------|
| Wiring direction    | Side-entry wiring |

## Connection Data

|                            |                    |
|----------------------------|--------------------|
| Clamping units             | 25                 |
| Total number of potentials | 5                  |
| Number of connection types | 4                  |
| PE function                | Snap-in PE contact |

## Connection 1

|                                                            |                                             |
|------------------------------------------------------------|---------------------------------------------|
| Connection type                                            | External 1                                  |
| Connection technology                                      | Push-in CAGE CLAMP®                         |
| Number of connection points                                | 2                                           |
| Actuation type                                             | Push-button                                 |
| Connectable conductor materials                            | Copper                                      |
| Solid conductor                                            | 0.5 ... 2.5 mm <sup>2</sup> / 18 ... 12 AWG |
| Solid conductor; push-in termination                       | 0.5 ... 2.5 mm <sup>2</sup> / 18 ... 12 AWG |
| Stranded conductor                                         | 0.5 ... 2.5 mm <sup>2</sup> / 18 ... 14 AWG |
| Fine-stranded conductor                                    | 0.5 ... 2.5 mm <sup>2</sup> / 18 ... 14 AWG |
| Fine-stranded conductor; with insulated ferrule            | 0.5 ... 1.5 mm <sup>2</sup> / 18 ... 16 AWG |
| Fine-stranded conductor; with uninsulated ferrule          | 0.5 ... 1.5 mm <sup>2</sup> / 18 ... 16 AWG |
| Fine-stranded conductor; with ferrule; push-in termination | 0.5 mm <sup>2</sup> / 18 AWG                |
| Strip length                                               | 8 ... 9 mm / 0.31 ... 0.35 inches           |
| Pole number                                                | 5                                           |
| Wiring direction                                           | Side-entry wiring                           |

## Connection 2

|                                                   |                                             |
|---------------------------------------------------|---------------------------------------------|
| Connection type                                   | Internal 2                                  |
| Connection technology                             | PUSH WIRE®                                  |
| Number of connection points                       | 1                                           |
| Actuation type                                    | Push-in                                     |
| Solid conductor                                   | 0.5 ... 2.5 mm <sup>2</sup> / 18 ... 14 AWG |
| Fine-stranded conductor; with insulated ferrule   | 0.5 ... 1 mm <sup>2</sup> / 18 ... 16 AWG   |
| Fine-stranded conductor; with uninsulated ferrule | 0.5 ... 1.5 mm <sup>2</sup> / 18 ... 14 AWG |
| Strip length                                      | 8 ... 9 mm / 0.31 ... 0.35 inches           |

## Connection 3

|                                                   |                                             |
|---------------------------------------------------|---------------------------------------------|
| Connection type                                   | Internal 3                                  |
| Connection technology                             | PUSH WIRE®                                  |
| Number of connection points                       | 1                                           |
| Actuation type                                    | Push-in                                     |
| Solid conductor                                   | 0.5 ... 1.5 mm <sup>2</sup> / 18 ... 16 AWG |
| Fine-stranded conductor; with insulated ferrule   | 0.5 ... 0.75 mm <sup>2</sup> / 18 AWG       |
| Fine-stranded conductor; with uninsulated ferrule | 0.5 ... 1 mm <sup>2</sup> / 18 AWG          |
| Strip length                                      | 8 ... 9 mm / 0.31 ... 0.35 inches           |

## Connection 4

|                             |                                       |
|-----------------------------|---------------------------------------|
| Connection type             | Internal 4                            |
| Connection technology       | PUSH WIRE®                            |
| Number of connection points | 1                                     |
| Actuation type              | Push-in                               |
| Solid conductor             | 0.5 ... 0.75 mm <sup>2</sup> / 18 AWG |
| Strip length                | 8 ... 9 mm / 0.31 ... 0.35 inches     |

## Physical data

|                         |                         |
|-------------------------|-------------------------|
| Pin spacing             | 10 mm / 0.394 inches    |
| Width                   | 50 mm / 1.969 inches    |
| Height                  | 21.53 mm / 0.848 inches |
| Height from the surface | 17 mm / 0.669 inches    |
| Depth                   | 27.3 mm / 1.075 inches  |



| Mechanical data |  |              |
|-----------------|--|--------------|
| Marking         |  | L3-L2-L1-⊕-N |
| Mounting type   |  | Snap-in foot |

| Material data                      |  |                                                                          |
|------------------------------------|--|--------------------------------------------------------------------------|
| Note (material data)               |  | <a href="#">Information on material specifications can be found here</a> |
| Color                              |  | white                                                                    |
| Material group                     |  | IIIa                                                                     |
| Insulation material (main housing) |  | Polycarbonate (PC)                                                       |
| 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                          |  | 0.23 MJ                                                                  |
| Halogen-free                       |  | Yes                                                                      |
| Weight                             |  | 16.3 g                                                                   |

| Environmental requirements |  |        |
|----------------------------|--|--------|
| Temperature stability      |  | 120 °C |
| T marking                  |  | T85    |

| Commercial data       |  |                                |
|-----------------------|--|--------------------------------|
| Product Group         |  | 8 (Misc. Chassis Mount Blocks) |
| PU (SPU)              |  | 250 pcs                        |
| Packaging type        |  | Bag                            |
| Country of origin     |  | PL                             |
| GTIN                  |  | 4050821098409                  |
| Customs tariff number |  | 85369010000                    |

| Product Classification |  |                      |
|------------------------|--|----------------------|
| UNSPSC                 |  | 39121409             |
| eCl@ss 10.0            |  | 27-14-11-06          |
| eCl@ss 9.0             |  | 27-14-11-06          |
| ETIM 9.0               |  | EC001284             |
| ETIM 10.0              |  | EC001284             |
| ECCN                   |  | NO US CLASSIFICATION |

| Environmental Product Compliance          |  |                                      |
|-------------------------------------------|--|--------------------------------------|
| RoHS Compliance Status                    |  | Compliant, No Exemption              |
| SCIP notification number (Austria)        |  | 022ba4bb-28d5-4321-896f-5c8f1b68074a |
| SCIP notification number (Belgium)        |  | e5749dd6-4b24-4e9d-b813-bd262cf5ed30 |
| SCIP notification number (Bulgaria)       |  | 56177a30-c7df-488b-8204-ef80cdf2daf8 |
| SCIP notification number (Czech Republic) |  | 2e19d484-b004-4381-a109-e2ae3b19396e |
| SCIP notification number (Denmark)        |  | f09a3c01-d333-478c-b775-d9ac05202546 |
| SCIP notification number (Finland)        |  | 7919370c-c6a0-4639-9c0d-4dc939d5b8c9 |
| SCIP notification number (France)         |  | b337aae6-f953-40f8-908c-b165ab0020a2 |
| SCIP notification number (Germany)        |  | e3795906-4012-40e5-bfda-c33ca26e0ffb |
| SCIP notification number (Hungary)        |  | ea497c96-d063-435b-8526-02c5c2c3e57d |
| SCIP notification number (Italy)          |  | 6284b37b-1fb7-4771-b0f7-baf0c17aa592 |
| SCIP notification number (Netherlands)    |  | e9a0a03a-a622-4af9-8675-ea137d92997d |
| SCIP notification number (Poland)         |  | 6aab8dfa-556d-448e-a3ec-090eea6adb46 |
| SCIP notification number (Romania)        |  | 25174a65-e708-41ef-9559-6328dc667a5f |

| Environmental Product Compliance  |                                      |
|-----------------------------------|--------------------------------------|
| SCIP notification number (Sweden) | 6f8e772d-40d1-4b45-bfb3-258a71461e94 |

Approvals / Certificates

| General approvals                                                                |          | Declarations of conformity and manufacturer's declarations |
|----------------------------------------------------------------------------------|----------|------------------------------------------------------------|
|  |          |                                                            |
| Approval                                                                         | Standard | Certificate Name                                           |
| ENEC 05<br>DEKRA Certification B.V.                                              | EN 60998 | 2128791.01                                                 |
|                                                                                  |          | EU-Declaration of Conformity<br>WAGO GmbH & Co. KG         |
|                                                                                  |          | UK-Declaration of Conformity<br>WAGO GmbH & Co. KG         |

Downloads

| Environmental Product Compliance          |                                                                                   |
|-------------------------------------------|-----------------------------------------------------------------------------------|
| Compliance Search                         |                                                                                   |
| Environmental Product Compliance 294-5215 |  |

Documentation

| Bid Text |            |                 |                                                                                     |
|----------|------------|-----------------|-------------------------------------------------------------------------------------|
| 294-5215 | 13.06.2017 | doc<br>28.00 KB |  |
| 294-5215 | 19.02.2019 | xml<br>5.58 KB  |  |

CAD/CAE-Data

| CAD data                                                                                                  | CAE data                                                                                                      |
|-----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| 2D/3D Models 294-5215  | WSCAD Universe 294-5215  |
|                                                                                                           | ZUKEN Portal 294-5215    |

1 Compatible Products

1.1 Optional Accessories

1.1.1 Strain relief

1.1.1.1 Strain relief

**Item No.: 294-370**  
Strain relief; for 294 Series; with snap-in mounting feet; white

**Item No.: 294-375**  
Strain relief; for 294 Series; without snap-in mounting feet; white

1.1.1.2 Strain relief plate

**Item No.: 294-364**  
Strain relief plate; for 294 Series; for multi-core cables; 3- to 5-pole; with secured clamp; white

**Item No.: 294-384**  
Strain relief plate; for 294 Series; for single strands; 3- to 5-pole; with secured clamp; white

1.1.2 Tool

1.1.2.2 Operating tool

**Item No.: 206-294**  
Disconnection tool; green

Installation Notes

Installation

5-pole – with snap-in ground contact, d = 4.9 mm

Snap-in foot

Drilled hole for snap-in mounting foot

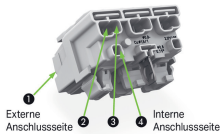
|                                      |
|--------------------------------------|
| EUROPE                               |
| 1 x 0.5 ... 2.5 mm <sup>2</sup> "s"  |
| 1 x 0.5 ... 1.5 mm <sup>2</sup> "s"  |
| 1 x 0.5 ... 0.75 mm <sup>2</sup> "s" |
| AMERICA                              |
| 1 x AWG 18 ... 14 "s"                |
| 1 x AWG 18 ... 16 "s"                |
| 1 x AWG 18 "s"                       |
| JAPAN                                |
| 1 x 0.8 ... 1.6 mm diam. "s"         |
| 1 x 0.8 ... 1 mm diam. "s"           |
| 1 x 0.8 mm diam. "s"                 |

|                                                 |
|-------------------------------------------------|
| EUROPE                                          |
| 2 x 0.5 ... 2.5 mm <sup>2</sup> "s, str, f-str" |
| AMERICA                                         |
| 2 x AWG 18 ... 12 "s"                           |
| 2 x AWG 18 ... 14 "s, f-str"                    |
| JAPAN                                           |
| 2 x 0.8 ... 2 mm diam. "s"                      |
| 2 x 0.5 ... 2 mm <sup>2</sup> str, f-str"       |

**Internal connection:**  
PUSH WIRE® for internal wiring with solid conductors

**External connection:**  
Push-in CAGE CLAMP® for field-wiring with all conductor types

Conductor termination



Terminating five conductors per pole – solid and fine-stranded.

