

**Data Sheet | Item Number: 294-8015**

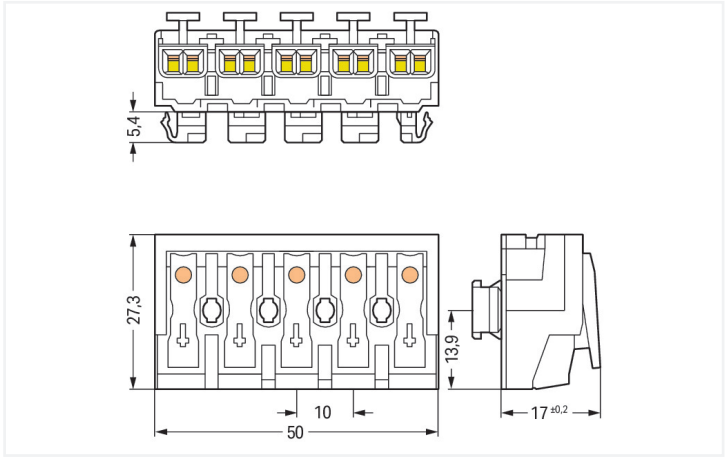
Lighting connector; push-button, external; for Linect®; without ground contact; L3-L2-L1-PE-N; 5-pole; Cod. A; Lighting side: for solid conductors; Inst. side: for all conductor types; max. 2.5 mm²; Surrounding air temperature: max 85°C (T85); white

<https://www.wago.com/294-8015>



Color:   white

Similar to illustration



Dimensions in mm

Field-wiring terminal block with linect<sup>®</sup>, 294 Series, Push-in CAGE CLAMP®

Seamless electrical installations are guaranteed with field-wiring terminal block with linect<sup>®</sup> (item number 294-8015). Conductors should only be connected to field-wiring terminal block with linect<sup>®</sup> if their strip length is between 8 and 9 mm . This product incorporates four conductor terminals and utilizes Push-in CAGE CLAMP® and PUSH WIRE®. Our Push-in CAGE CLAMP® is a universal, maintenance-free connection solution for all conductor types, boasting a key feature: both solid and fine-stranded conductors with ferrules can be directly inserted without the need for tools or any preparation, such as crimping the ferrule. Our proven PUSH WIRE® connection offers the fastest method for clamping conductors. It utilizes the conductor's stiffness to overcome the clamping spring's contact force. The item's dimensions are (50 x 22.4 x 27.3) mm (width x height x depth). Field-wiring terminal block with linect<sup>®</sup> is suitable for conductor cross sections ranging from 0.5 mm² to 2.5 mm² on one side and for conductor cross sections ranging from 0.5 mm² to 2.5 mm² on the other side as well as conductor cross sections from 0.5 mm² to 2.5 mm² and from 0.5 mm² to 0.75 mm² depending on the conductor type.

Tin is used for coating the contact surfaces.

| Electrical data                 |  |  |  |                   |                |                |  |
|---------------------------------|--|--|--|-------------------|----------------|----------------|--|
| Ratings                         |  |  |  | Connection points |                |                |  |
| Ratings per                     |  |  |  | IEC/EN 60998-1    | IEC/EN 60998-1 | 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                         |  |  |  | Connection points |                  |                  |  |
|---------------------------------|--|--|--|-------------------|------------------|------------------|--|
| Ratings per                     |  |  |  | IEC/EN 60998-2-2  | IEC/EN 60998-2-2 | 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             |  |

| Ratings                         |  |  |  | Linect® plug-in connection |              |              |  |
|---------------------------------|--|--|--|----------------------------|--------------|--------------|--|
| Ratings per                     |  |  |  | IEC/EN 61984               | IEC/EN 61984 | IEC/EN 61984 |  |
| Overvoltage category            |  |  |  | III                        | III          | II           |  |
| Pollution degree                |  |  |  | 3                          | 2            | 2            |  |
| Nominal voltage                 |  |  |  | -                          | -            | 500 V        |  |
| Rated impulse withstand voltage |  |  |  | -                          | -            | 4 kV         |  |
| Rated current                   |  |  |  | -                          | -            | 16 A         |  |



Connection Data

|                            |   |
|----------------------------|---|
| Total number of potentials | 5 |
| Number of connection types | 4 |

| Connection 1                                                   |                                   |
|----------------------------------------------------------------|-----------------------------------|
| Connection type                                                | External 1                        |
| Connection technology                                          | Push-in CAGE CLAMP®               |
| Number of connection points                                    | 2                                 |
| Actuation type                                                 | Push-button                       |
| Solid conductor                                                | 0.5 ... 2.5 mm² / 18 ... 12 AWG   |
| Solid conductor; push-in termination                           | 0.5 ... 2.5 mm² / 18 ... 12 AWG   |
| Stranded conductor                                             | 0.5 ... 2.5 mm² / 18 ... 14 AWG   |
| Fine-stranded conductor                                        | 0.5 ... 2.5 mm² / 18 ... 14 AWG   |
| Fine-stranded conductor; with insulated fer-<br>rule           | 0.5 ... 1.5 mm² / 18 ... 16 AWG   |
| Fine-stranded conductor; with uninsulated<br>ferrule           | 0.5 ... 1.5 mm² / 18 ... 16 AWG   |
| Fine-stranded conductor; with ferrule; push-<br>in termination | 0.5 mm² / 18 AWG                  |
| Strip length                                                   | 8 ... 9 mm / 0.31 ... 0.35 inches |
| Pole number                                                    | 5                                 |

| 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 mm² / 18 ... 14 AWG   |
| Fine-stranded conductor; with insulated fer-<br>rule | 0.5 ... 1 mm² / 18 ... 14 AWG     |
| Fine-stranded conductor; with uninsulated<br>ferrule | 0.5 ... 1.5 mm² / 18 ... 16 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 mm² / 18 ... 16 AWG   |
| Fine-stranded conductor; with insulated fer-<br>rule | 0.5 ... 0.75 mm² / 18 AWG         |
| Fine-stranded conductor; with uninsulated<br>ferrule | 0.5 ... 1 mm² / 18 ... 14 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 mm² / 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                  | 22.4 mm / 0.882 inches |
| Height from the surface | 17 mm / 0.669 inches   |
| Depth                   | 27.3 mm / 1.075 inches |



| Mechanical data |              |  |
|-----------------|--------------|--|
| Technology      | Linect       |  |
| Marking         | L3 L2 L1 ⊕ N |  |

| 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                          | 0.251 MJ                                                                 |  |
| Weight                             | 16.1 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        | Foil                           |  |
| Country of origin     | CH                             |  |
| GTIN                  | 4050821489245                  |  |
| 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)        | db0c3b78-c74b-4f52-92c5-ddc52f54d464 |  |
| SCIP notification number (Belgium)        | 2743428a-fc15-4811-862a-e34461b3eda1 |  |
| SCIP notification number (Bulgaria)       | e02b1361-af30-427e-b47b-7530d0ca0401 |  |
| SCIP notification number (Czech Republic) | 9333cba9-1520-4673-b79b-e75496766cc7 |  |
| SCIP notification number (Denmark)        | 7c916be5-6334-4aef-a107-70e5ec640189 |  |
| SCIP notification number (Finland)        | 1bdef2ec-0f58-4b28-9107-df7ebe32b754 |  |
| SCIP notification number (France)         | a149d309-8b4d-4a3d-961f-0277fbab19e4 |  |
| SCIP notification number (Germany)        | 2b5b420f-6124-44dd-9061-80a71f895cb0 |  |
| SCIP notification number (Hungary)        | 75ea64da-da64-43c5-9937-3c235b74a7d7 |  |
| SCIP notification number (Italy)          | c853151f-1ca7-4664-ac58-odd1c742409d |  |
| SCIP notification number (Netherlands)    | 1e30027b-1af8-4def-9706-8bfd965c961d |  |
| SCIP notification number (Poland)         | b4e64367-7938-4960-9f19-5748d5e36462 |  |
| SCIP notification number (Romania)        | 7b6841d9-64ae-4a75-a7ae-db8d363ecca8 |  |
| SCIP notification number (Sweden)         | 8dea03a3-3737-447e-ac38-b24dc786d87d |  |



Approvals / Certificates

General approvals



| Approval                                     | Standard | Certificate Name |
|----------------------------------------------|----------|------------------|
| ENEC 05<br>DEKRA Certification B.V.          | EN 60998 | 2128791.01       |
| VDE<br>VDE Prüf- und Zertifizierungsinstitut | EN 61535 | 40029808         |

Declarations of conformity and manufacturer's declarations

| Approval                                           | Standard | Certificate Name |
|----------------------------------------------------|----------|------------------|
| 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 294-8015 |



Documentation

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



CAD/CAE-Data

| CAE data                   |
|----------------------------|
| WSCAD Universe<br>294-8015 |

