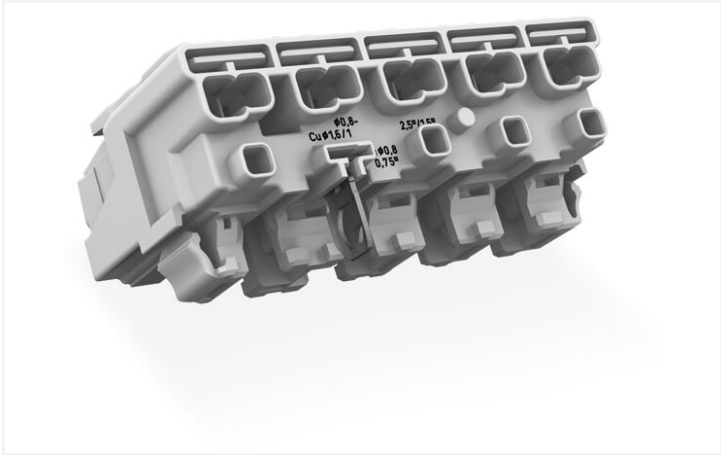


Data Sheet | Item Number: 294-8115

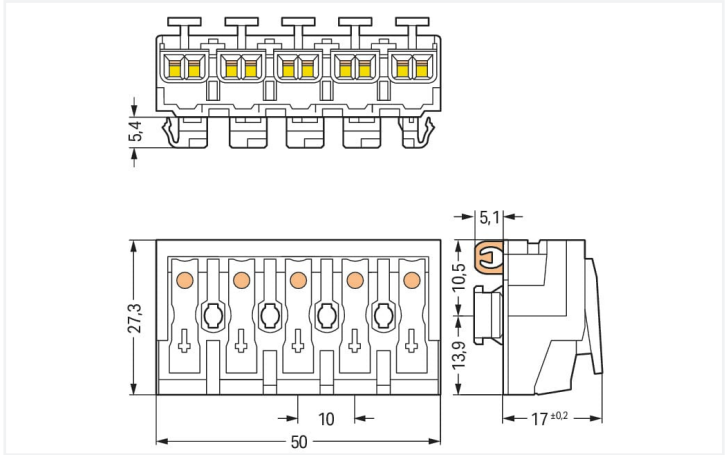
Lighting connector; push-button, external; for Linect®; with direct ground contact; L3-L2-L1-PE-N; 5-pole; Cod. A; Lighting side: for solid conductors; Inst. side: for all conductor types; max. 2.5 mm²; Surrounding air temperature: max 85°C (T85); 2,50 mm²; white

<https://www.wago.com/294-8115>



Color:   white

Similar to illustration



Dimensions in mm

- External connection of solid, stranded and fine-stranded conductors
- Universal conductor termination (AWG, metric)
- Third contact located at the bottom of internal connector end
- - Strain relief plate can be retrofitted

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 surge 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 surge 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 surge voltage  | -                          | -            | 4 kV         |
| Rated current        | -                          | -            | 16 A         |

## Connection data

|                            |                   |
|----------------------------|-------------------|
| Total number of potentials | 5                 |
| Number of connection types | 4                 |
| PE function                | Direct PE contact |

### Connection 1

|                                                            |                                   |
|------------------------------------------------------------|-----------------------------------|
| Connection type 1                                          | 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 ferrule            | 0.5 ... 1.5 mm² / 18 ... 16 AWG   |
| Fine-stranded conductor; with uninsulated ferrule          | 0.5 ... 1.5 mm² / 18 ... 16 AWG   |
| Fine-stranded conductor; with ferrule; push-in termination | 0.5 mm² / 18 AWG                  |
| Strip length                                               | 8 ... 9 mm / 0.31 ... 0.35 inches |
| Pole number                                                | 5                                 |

### Connection 2

|                                                     |                                   |
|-----------------------------------------------------|-----------------------------------|
| Connection type 2                                   | Internal 2                        |
| Connection technology 2                             | PUSH WIRE®                        |
| Number of connection points 2                       | 1                                 |
| Actuation type 2                                    | Push-in                           |
| Solid conductor 2                                   | 0.5 ... 2.5 mm² / 18 ... 14 AWG   |
| Fine-stranded conductor; with insulated ferrule 2   | 0.5 ... 1 mm² / 18 ... 14 AWG     |
| Fine-stranded conductor; with uninsulated ferrule 2 | 0.5 ... 1.5 mm² / 18 ... 16 AWG   |
| Strip length 2                                      | 8 ... 9 mm / 0.31 ... 0.35 inches |

### Connection 3

|                                                     |                                   |
|-----------------------------------------------------|-----------------------------------|
| Connection type 3                                   | Internal 3                        |
| Connection technology 3                             | PUSH WIRE®                        |
| Number of connection points 3                       | 1                                 |
| Actuation type 3                                    | Push-in                           |
| Solid conductor 3                                   | 0.5 ... 1.5 mm² / 18 ... 16 AWG   |
| Fine-stranded conductor; with insulated ferrule 3   | 0.5 ... 0.75 mm² / 18 AWG         |
| Fine-stranded conductor; with uninsulated ferrule 3 | 0.5 ... 1 mm² / 18 ... 14 AWG     |
| Strip length 3                                      | 8 ... 9 mm / 0.31 ... 0.35 inches |

### Connection 4

|                               |                                   |
|-------------------------------|-----------------------------------|
| Connection type 4             | Internal 4                        |
| Connection technology 4       | PUSH WIRE®                        |
| Number of connection points 4 | 1                                 |
| Actuation type 4              | Push-in                           |
| Solid conductor 4             | 0.5 ... 0.75 mm² / 18 AWG         |
| Strip length 4                | 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="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a> |
| Color                       | white                                                                                                                  |
| Material group              | IIIa                                                                                                                   |
| Insulation material         | 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                   | 0.33 MJ                                                                                                                |
| Weight                      | 16.4 g                                                                                                                 |

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

| Commercial data       |                                |
|-----------------------|--------------------------------|
| Product Group         | 8 (Misc. Chassis Mount Blocks) |
| eCl@ss 10.0           | 27-14-11-06                    |
| eCl@ss 9.0            | 27-14-11-06                    |
| ETIM 8.0              | EC001284                       |
| ETIM 7.0              | EC001284                       |
| PU (SPU)              | 250 pcs                        |
| Packaging type        | Foil                           |
| Country of origin     | CH                             |
| GTIN                  | 4050821487050                  |
| Customs tariff number | 85369010000                    |

| Environmental Product Compliance          |                                                                                                                                              |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| CAS-No.                                   | 131651-65-5<br>144317-44-2<br>220133-51-7<br>220689-12-3<br>25628-08-4<br>29420-49-3<br>375-73-5<br>503155-89-3<br>507453-86-3<br>68259-10-9 |
| REACH Candidate List Substance            | Perfluorobutane sulfonic acid (PFBS) and its salts                                                                                           |
| RoHS Compliance Status                    | Compliant,With Exemption                                                                                                                     |
| RoHS Exemption                            | 6(c)<br>7(a)<br>7(c)-I<br>7(c)-II                                                                                                            |
| SCIP notification number (Austria)        | d4618472-aadc-4393-84c3-202c7ef757be                                                                                                         |
| SCIP notification number (Belgium)        | 7354d92f-76fc-4c31-a693-8fae743c881c                                                                                                         |
| SCIP notification number (Bulgaria)       | 2758008a-fcdb-4233-b782-4d414953c330                                                                                                         |
| SCIP notification number (Czech Republic) | afdbcefc-d1af-4212-b862-7f4e9a7baf91                                                                                                         |
| SCIP notification number (Denmark)        | 3c6f72fa-c4c4-40f3-888b-2fbc8bfb5ba                                                                                                          |
| SCIP notification number (Finland)        | f2d90528-28e4-445f-8747-6cd94c8b982f                                                                                                         |
| SCIP notification number (France)         | caa08b53-68a0-4b32-b105-83c4890d25fa                                                                                                         |



| Environmental Product Compliance       |                                      |
|----------------------------------------|--------------------------------------|
| SCIP notification number (Germany)     | f8c835f0-2207-4b47-bb49-b81c03268a0d |
| SCIP notification number (Hungary)     | 0da825fb-2315-4376-ac0d-59c8536a8424 |
| SCIP notification number (Italy)       | 12482f81-2ed8-4981-8e7a-83e3c52c8536 |
| SCIP notification number (Netherlands) | 87884cb7-e20b-4adf-b4c7-26e5ab5421f8 |
| SCIP notification number (Poland)      | 99e590e6-dc44-4b76-9772-75548700cfa7 |
| SCIP notification number (Romania)     | 4dbeae89-69ec-4a12-b97e-5b5b44175951 |
| SCIP notification number (Sweden)      | d2e045ef-039f-4221-aa2d-e2ca001978cb |

| 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       |
| VDE<br>VDE Prüf- und Zertifizierungsinstitut                                                                                                                       | EN 61535 |                                                            | 40029808         |

| Downloads                                    |                                                                                     |
|----------------------------------------------|-------------------------------------------------------------------------------------|
| Environmental Product Compliance             |                                                                                     |
| Compliance Search                            |                                                                                     |
| Environmental Product<br>Compliance 294-8115 |  |

| Documentation          |                                                                                                                        |
|------------------------|------------------------------------------------------------------------------------------------------------------------|
| Additional Information |                                                                                                                        |
| Technical Section      | pdf<br>03.04.2019<br>2010.85 KB<br> |

| CAD/CAE-Data               |                                                                                     |
|----------------------------|-------------------------------------------------------------------------------------|
| CAE data                   |                                                                                     |
| WSCAD Universe<br>294-8115 |  |