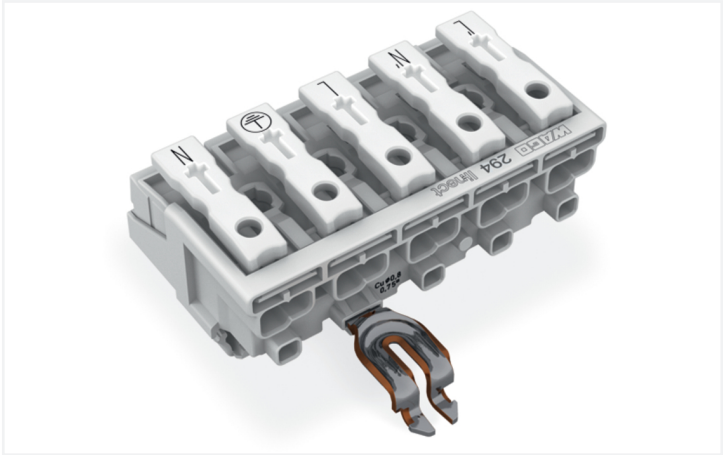


Data Sheet | Item Number: 294-8315

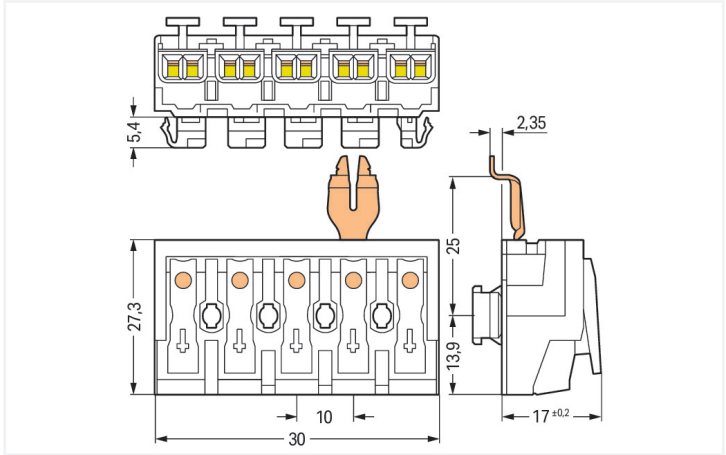
Lighting connector; push-button, external; for Linect®; with angled snap-in ground contact; L3-L2-L1-PE-N; 5-pole; Cod. A; Lighting side: for solid conductors; Inst. side: for all conductor types; max. 2.5 mm²; Surrounding air temperature: max 85°C (T85); 2,50 mm²; white

<https://www.wago.com/294-8315>



Color: white

Similar to illustration



Dimensions in mm

rated current 24 A

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 | Angled 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 |
| 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 |



| Connection 1 | |
|--|-----------------------------------|
| 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 | 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 ferrule | 0.5 ... 1 mm² / 18 ... 14 AWG |
| Fine-stranded conductor; with uninsulated 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 ferrule | 0.5 ... 0.75 mm² / 18 AWG |
| Fine-stranded conductor; with uninsulated 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) | Information on material specifications can be found here | |
| Color | white | |
| Material group | IIa | |
| Insulation material (main housing) | Polycarbonate (PC) | |
| Flammability class per UL94 | V0 | |
| Clamping spring material | Chrome-nickel spring steel (CrNi) | |
| Contact material | Electrolytic copper (E _{Cu}) | |
| Contact Plating | Tin | |
| Fire load | 0.33 MJ | |
| Weight | 17.1 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 | Bag |
| Country of origin | PL |
| GTIN | 4050821487074 |
| 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 8.0 | EC001284 |
| ECCN | NO US CLASSIFICATION |

| Environmental Product Compliance | |
|---|--|
| REACH Candidate List Substance | Perfluorobutane sulfonic acid (PFBS) and its salts |
| RoHS Compliance Status | Compliant, No Exemption |
| SCIP notification number (Austria) | 5e57a05f-df37-476e-b016-5f5b04fedbcf |
| SCIP notification number (Belgium) | 94730e35-9bf2-43b2-84d6-0298873ed2ef |
| SCIP notification number (Bulgaria) | be358271-6c84-410d-a9e2-349692eb9a07 |
| SCIP notification number (Czech Republic) | 63649edc-f8c1-4836-a99b-97235106133d |
| SCIP notification number (Denmark) | ce831ec9-c812-484b-adbc-8870a6f92a16 |
| SCIP notification number (Finland) | bc082881-7b4b-4403-bf8e-a80d4446d8ad |
| SCIP notification number (France) | c950196f-ff76-4d8a-9d95-bbe53b96f370 |
| SCIP notification number (Germany) | 9588ff43-2e0b-4485-af76-e13e4dabf04c |
| SCIP notification number (Hungary) | 927728d4-072a-4135-a116-edc2c53f1745 |
| SCIP notification number (Italy) | 59ec26a7-6532-47a3-860b-0a3597f7934b |
| SCIP notification number (Netherlands) | f5b4a336-d4c1-4883-914a-f7f208f3d01b |
| SCIP notification number (Poland) | 784239da-d335-472b-bf09-779a3baf99e0 |
| SCIP notification number (Romania) | 167b4d03-64ca-482b-9a96-b484a761fbba |
| SCIP notification number (Sweden) | 7b6ad29c-1c11-4da3-8978-cdd3ced936b7 |

Approvals / Certificates

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



| Downloads | | | |
|---|--|--|--|
| Environmental Product Compliance | | | |
| Compliance Search | | | |
| Environmental Product Compliance 294-8315 | | | |

| Documentation | | | |
|------------------------|------------|-------------------|--|
| Additional Information | | | |
| Technical Section | 03.04.2019 | pdf 2027.26 KB | |

| CAD/CAE-Data | | | |
|-------------------------|--|--|--|
| CAE data | | | |
| WSCAD Universe 294-8315 | | | |