

Data Sheet | Item Number: 294-8325

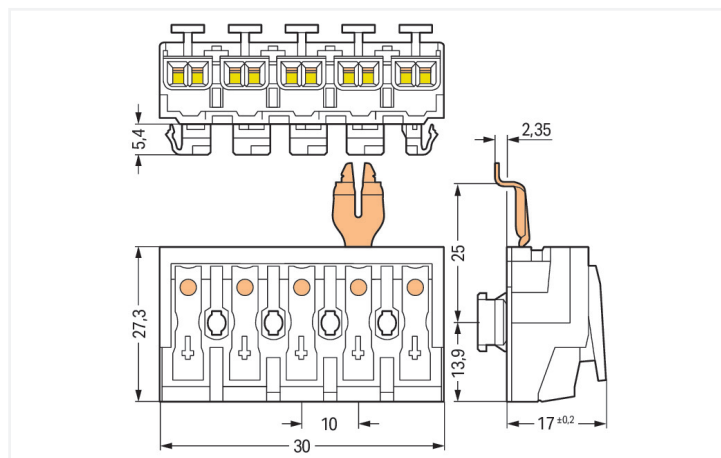
Lighting connector; push-button, external; for Linect®; with angled snap-in ground contact; L'-N'-L-PE-N; 5-pole; Cod. L; Lighting side: for solid conductors; Inst. side: for all conductor types; max. 2.5 mm²; Surrounding air temperature: max 85°C (T85); white



<https://www.wago.com/294-8325>



Color: ■ white



Dimensions in mm

Field-wiring terminal block with linect[®], 294 Series, white

Our field-wiring terminal block with linect[®] (item number 294-8325) is designed for seamless electrical installations. Strip lengths must be between 8 and 9 mm when connecting conductors to field-wiring terminal block with linect[®]. This product features four conductor terminals and utilizes Push-in CAGE CLAMP[®] as well as PUSH WIRE[®]. 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. Our tried-and-tested PUSH WIRE[®] connection offers the fastest method for clamping conductors. It utilizes the conductor's stiffness to overcome the clamping spring's contact force. Dimensions: (50 x 22.4 x 27.3) mm (width x height x depth). Field-wiring terminal block with linect[®] 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 and from 0.5 mm² to 0.75 mm² depending on the conductor type.

The contact surface is coated with tin.

Electrical data

| Ratings | Connection points | | |
|---------------------------------|-------------------|----------------|----------------|
| | IEC/EN 60998-1 | IEC/EN 60998-1 | IEC/EN 60998-1 |
| Ratings per | | | |
| 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 | | |
|---------------------------------|-------------------|------------------|------------------|
| | IEC/EN 60998-2-2 | IEC/EN 60998-2-2 | IEC/EN 60998-2-2 |
| Ratings per | | | |
| 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 | | |
|---------------------------------|--|--------------|--------------|
| | IEC/EN 61984 | IEC/EN 61984 | IEC/EN 61984 |
| Ratings per | | | |
| 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 |
| 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 mm ² / 18 ... 12 AWG |
| Solid conductor; push-in termination | 0.5 ... 2.5 mm ² / 18 ... 12 AWG |
| Stranded conductor | 0.5 ... 2.5 mm ² / 18 ... 14 AWG |
| Fine-stranded conductor | 0.5 ... 2.5 mm ² / 18 ... 14 AWG |
| Fine-stranded conductor; with insulated ferrule | 0.5 ... 1.5 mm ² / 18 ... 16 AWG |
| Fine-stranded conductor; with uninsulated ferrule | 0.5 ... 1.5 mm ² / 18 ... 16 AWG |
| Fine-stranded conductor; with ferrule; push-in termination | 0.5 mm ² / 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 mm ² / 18 ... 14 AWG |
| Fine-stranded conductor; with insulated ferrule | 0.5 ... 1 mm ² / 18 ... 14 AWG |
| Fine-stranded conductor; with uninsulated ferrule | 0.5 ... 1.5 mm ² / 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 mm ² / 18 ... 16 AWG |
| Fine-stranded conductor; with insulated ferrule | 0.5 ... 0.75 mm ² / 18 AWG |
| Fine-stranded conductor; with uninsulated ferrule | 0.5 ... 1 mm ² / 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 mm ² / 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 | L' N' L ⊕ N |

Material data

| | |
|------------------------------------|--|
| Note (material data) | Information on material specifications can be found here |
| 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 _{Cu}) |
| Contact Plating | Tin |
| Fire load | 0.252 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 | 4050821098904 |
| 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) | 992859de-04e8-4463-ad6a-d7383cb4842a |
| SCIP notification number (Belgium) | 889b2be2-b063-4ffc-8f57-073b82330677 |
| SCIP notification number (Bulgaria) | 79189062-282b-4ce1-9e0c-b83a61ef4cf3 |
| SCIP notification number (Czech Republic) | 9655d9cc-7cee-4603-bb48-69157d553494 |
| SCIP notification number (Denmark) | 56325a28-0953-4d27-ab97-a550fee4738f |
| SCIP notification number (Finland) | f4f120f2-956a-4077-a016-6fa3873f5aa4 |
| SCIP notification number (France) | 9b3bf221-f38a-4c02-a418-12ea2762df1b |
| SCIP notification number (Germany) | 28c075e2-f8a5-414f-82f6-bcfc5f082e8a |
| SCIP notification number (Hungary) | bd980dd7-5525-4ada-a6ef-93f9a1d9e3b3 |
| SCIP notification number (Italy) | 45853300-c8ae-418a-a3b4-92392e0e9771 |
| SCIP notification number (Netherlands) | e27c9303-000b-408c-8c08-40c8e256fd14 |
| SCIP notification number (Poland) | f6a89a64-1ebf-471c-962a-b0c12e268c2a |
| SCIP notification number (Romania) | 752f53a3-80b2-4a46-b38f-71897ce8ae6a |
| SCIP notification number (Sweden) | f5a7457f-cdcf-435c-a12f-daafe732869 |

Approvals / Certificates

General approvals



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

Declarations of conformity and manufacturer's declarations

| Approval | Standard | Certificate Name |
|--|----------|------------------|
| EU-Declaration of Conformity WAGO GmbH & Co. KG | - | - |
| UK-Declaration of Conformity WAGO GmbH & Co. KG | - | - |

Downloads

Environmental Product Compliance

Compliance Search

| | |
|---|---|
| Environmental Product Compliance 294-8325 | ↓ |
|---|---|

Documentation

Additional Information

| | | | |
|-------------------|------------|-------------------|---|
| Technical Section | 03.04.2019 | pdf 2027.26 KB | ↓ |
|-------------------|------------|-------------------|---|

CAD/CAE-Data

| CAD data | CAE data |
|-----------------------|-------------------------|
| 2D/3D Models 294-8325 | WSCAD Universe 294-8325 |
| ↓ | ↓ |
| | ZUKEN Portal 294-8325 |
| | ↓ |