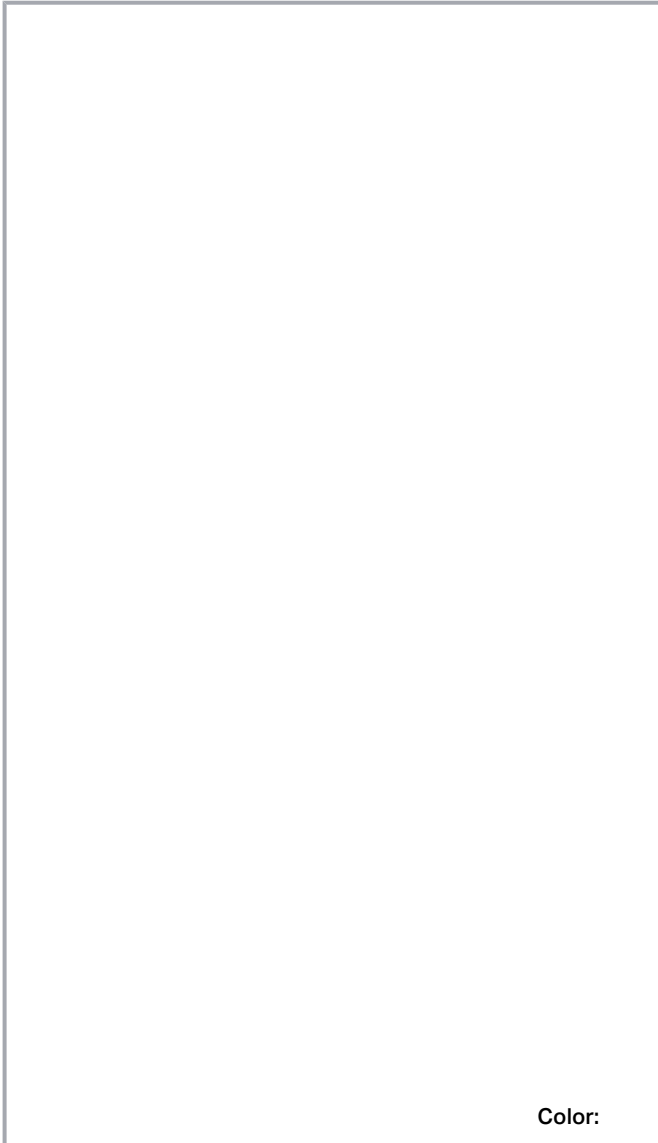


Data sheet | Item number: 294-8124

Lighting connector; push-button, external; for Linect®; with direct ground contact; 1/L´-2/L-PE-N; 4-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



www.wago.com/294-8124



Color:

Item description

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

Subject to changes. Please also observe the further product documentation!

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- - Strain relief plate can be retrofitted

Data

Electrical data

Ratings per IEC/EN

| Ratings | Connection points |
|----------------------------|--|
| Ratings per | IEC/EN 60998-1 |
| Nominal voltage (II/2) | 500 V |
| Rated surge voltage (II/2) | 4 kV |
| Rated current | 24 A |
| Legend (ratings) | (II / 2) \triangleq Overvoltage category II / Pollution degree 2 |

Ratings per IEC/EN 2

| Ratings | Connection points |
|------------------------------|-------------------|
| Ratings per 2 | IEC/EN 60998-2-2 |
| Rated voltage (II/2) 2 | 500 V |
| Rated surge voltage (II/2) 2 | 4 kV |
| Rated current 2 | 24 A |

Ratings per IEC/EN 3

| Ratings | Linect [®] plug-in connection |
|--------------------------------|--|
| Ratings per 3 | IEC/EN 61984 |
| Rated voltage (II/2) 3 | 500 V |
| Rated surge voltage (II/2) (3) | 4 kV |
| Rated current 3 | 16 A |

Connection data

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

Connection 1

| | |
|-----------------------|---------------------------------|
| Connection type 1 | External 1 |
| Connection technology | Push-in CAGE CLAMP [®] |

Subject to changes. Please also observe the further product documentation!



| | |
|--|---|
| 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 | 4 |

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 mm ² / 18 ... 14 AWG |
| Fine-stranded conductor; with insulated ferrule 2 | 0.5 ... 1 mm ² / 18 ... 14 AWG |
| Fine-stranded conductor; with uninsulated ferrule 2 | 0.5 ... 1.5 mm ² / 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 mm ² / 18 ... 16 AWG |
| Fine-stranded conductor; with insulated ferrule 3 | 0.5 ... 0.75 mm ² / 18 AWG |
| Fine-stranded conductor; with uninsulated ferrule 3 | 0.5 ... 1 mm ² / 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 |

Subject to changes. Please also observe the further product documentation!



| | |
|-------------------|---------------------------------------|
| Actuation type 4 | Push-in |
| Solid conductor 4 | 0.5 ... 0.75 mm ² / 18 AWG |
| Strip length 4 | 8 ... 9 mm / 0.31 ... 0.35 inches |

Physical data

| | |
|-------------------------|------------------------|
| Pin spacing | 10 mm / 0.394 inches |
| Width | 40 mm / 1.575 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 | 1/L' 2/L' $\frac{1}{2}$ N |

Material Data

Note (material data)

[Information on material specifications can be found here](#)

| | |
|-----------------------------|--|
| Color | white |
| Material group | Illa |
| Insulation material | 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 | 0.265 MJ |
| Weight | 13.2 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 |

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| | |
|-----------------------|---------------|
| eCl@ss 9.0 | 27-14-11-06 |
| ETIM 8.0 | EC001284 |
| ETIM 7.0 | EC001284 |
| PU (SPU) | 500 pcs |
| Packaging type | Foil |
| Country of origin | CH |
| GTIN | 4050821098812 |
| Customs tariff number | 85369010000 |

Environmental Product Compliance

| | |
|---|--|
| CAS-No. | 131651-65-5 144317-44-2 220133-51-7 220689-12-3 25628-08-4 29420-49-3 375-73-5 503155-89-3 507453-86-3 68259-10-9 |
| REACH Candidate List Substance | Perfluorobutane sulfonic acid (PFBS) and its salts |
| RoHS Compliance Status | Compliant, With Exemption |
| RoHS Exemption | 6(c) 7(a) 7(c)-I 7(c)-II |
| SCIP notification number (Austria) | 2af2cbfd-6bd2-4a03-a9e4-d097b469c0c6 |
| SCIP notification number (Belgium) | e82e37a6-f40a-4eeb-9ce7-194d73f9e7b7 |
| SCIP notification number (Bulgaria) | 724f1491-14d7-47f3-a764-73ec53545390 |
| SCIP notification number (Czech Republic) | 1761078d-c669-47e2-ad08-b030c7591a55 |
| SCIP notification number (Denmark) | 65bffc27-fc66-4a3d-bdd5-64b2b5c5cc0c |
| SCIP notification number (Finland) | b2e57ffb-50b0-42d7-a720-536ca1267594 |
| SCIP notification number (France) | c6c6dd05-9682-4b66-8277-d8b0219461f6 |
| SCIP notification number (Germany) | 9e4f0605-28c4-4371-ad7e-a9afada12be3 |
| SCIP notification number (Hungary) | ae1ab91d-a7c2-4b42-a3d4-a3642a94f16d |
| SCIP notification number (Italy) | 7b544ce3-6a6e-4b77-8d79-36c8b75c6059 |
| SCIP notification number (Netherlands) | 226946cb-8778-4636-b0bc-270870c39775 |
| SCIP notification number (Poland) | aadf89c8-a7f9-4cb4-9ba2-ef9513945250 |
| SCIP notification number (Romania) | 9ac8d693-a66c-4c97-9bb5-a2842f7573f0 |
| SCIP notification number (Sweden) | 22c3a212-dfb0-40d5-8e53-71dea132ef99 |

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Other

Technology

Linect

Approvals / Certificates

General approvals

| Logo | Approval | Additional Approval Text | 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

| Logo | Approval | Additional Approval Text | Certificate name |
|------|---|--------------------------|------------------|
| | EU-Declaration of Conformity WAGO GmbH & Co. KG | - | - |
| | UK-Declaration of Conformity WAGO GmbH & Co. KG | - | - |

Counterpart

Item no.770-6224

Linect® T-connector; 4-pole; Cod. A; 1 input; 2 outputs; white

www.wago.com/770-6224

Downloads

Documentation

Additional Information

2019 年4月3日

pdf
2.0 MB

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CAD/CAE-Data

CAD data

2D/3D Models 294-8124

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CAE data

WSCAD Universe 294-8124

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Installation Notes

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