

Data Sheet | Item Number: 294-8094/4025-000

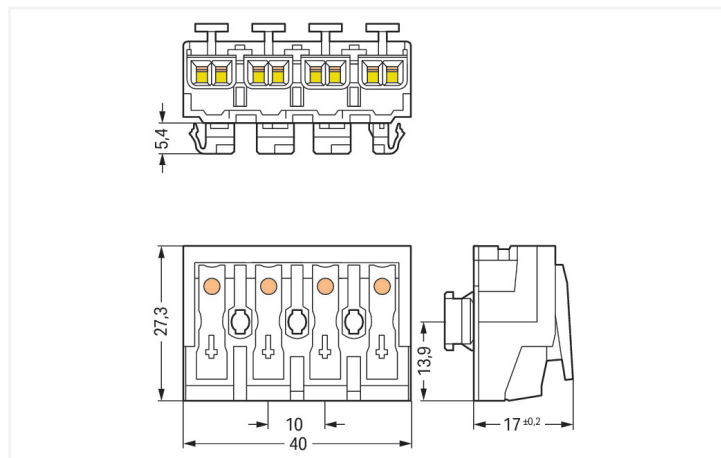
Lighting connector; push-button, external; for Linect®; without ground contact; 4-pole; Cod. A; Lighting side: for solid conductors; Inst. side: for all conductor types; max. 2.5 mm²; Surrounding air temperature: max 85°C (T85); white



<https://www.wago.com/294-8094/4025-000>



Color: ■ white



Dimensions in mm

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

Field-wiring terminal block with linect[®] (item number 294-8094/4025-000) is designed for fault-free 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[®] and PUSH WIRE[®]. Push-in CAGE CLAMP[®] technology provides a universal connection solution for all conductor types. It allows both solid and fine-stranded conductors with ferrules to be inserted directly into the clamping point without the need for tools. Our PUSH WIRE[®] connection uses the stiffness of the conductor to overcome the clamping spring's contact force, allowing faster and easier conductor clamping. Depending on the conductor type, field-wiring terminal block with linect[®] is designed for conductor cross sections ranging from 0.5 mm² to 2.5 mm² on one side and for conductor cross sections from 0.5 mm² to 2.5 mm² on the other side as well as conductor cross sections from 0.5 mm² to 1.5 mm² and from 0.5 mm² to 0.75 mm².

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

| | |
|----------------------------|---|
| 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 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 |

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 |
| 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-E-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 MJ |
| Weight | 13 g |

Environmental requirements

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

Commercial data

| | |
|-----------------------|---------------|
| PU (SPU) | 500 pcs |
| Packaging type | Foil |
| Country of origin | CH |
| GTIN | 4055143279154 |
| Customs tariff number | 85369010000 |

Product Classification

| | |
|-----------|----------------------|
| UNSPSC | 39121409 |
| ETIM 9.0 | EC001284 |
| ETIM 10.0 | 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) | 38b5319f-9178-48f5-9dc2-c2e252adb160 |
| SCIP notification number (Belgium) | 3507091a-c1ef-4d0a-8e74-341ce430fbd2 |
| SCIP notification number (Bulgaria) | 12789d9e-f064-4558-96cf-7c0d436730c1 |
| SCIP notification number (Czech Republic) | 809569bc-d4a7-49c0-b9f9-aa46b1aa2dda |
| SCIP notification number (Denmark) | ecfcd20a-f7b0-4bc3-a51f-f720720450bc |
| SCIP notification number (Finland) | b9155a71-5e34-4021-8c23-227c4c03f278 |
| SCIP notification number (France) | 5b292e4a-c872-413c-aa7f-8f376906cf9b |
| SCIP notification number (Germany) | 6ee0e19c-6730-488c-b6df-1e3a93b504cf |
| SCIP notification number (Hungary) | e671d678-d547-4d73-a708-c315c36fd0aa |
| SCIP notification number (Italy) | 5735adb1-a035-40ec-8f59-22c81618a19c |
| SCIP notification number (Netherlands) | 4b6578ed-fbb4-4034-ac56-8ac60673391b |
| SCIP notification number (Poland) | 1b78d77f-1d85-484f-ac4e-51576a380955 |
| SCIP notification number (Romania) | 3f6af816-5065-4b7c-8b55-b09525b4c6ec |
| SCIP notification number (Sweden) | 76d01614-09bf-49d0-8f3d-cdcd8515994b |

Approvals / Certificates

General approvals



| Approval | Standard | Certificate Name |
|-------------------------------------|----------|------------------|
| ENEC 05 DEKRA Certification B.V. | EN 60998 | 2128791.01 |

Declarations of conformity and manufacturer's declarations

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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product
Compliance
294-8094/4025-000



Documentation

Additional Information

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