

Data sheet | Item number: 294-4072

Lighting connector; push-button, external; without ground contact; 2-pole;
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/294-4072



Color:



Item description

- Externer Anschluss von eindrätigen, mehrdrätigen und feindrätigen Leitern
- Universelle Leiteranschlussmöglichkeit (AWG, metrisch)
- Untenliegender Drittanschluss auf der internen Anschlussseite

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

WAGO GmbH & Co. KG

Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.

- Nachträglich anrastbare Zugentlastung

Data

Electrical data

Ratings per IEC/EN

| | |
|----------------------------|--|
| Ratings per | IEC/EN 60998-1 |
| Ratings (note) | Connection points |
| 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 per 2 | IEC/EN 60998-2-2 |
| Ratings (note) 2 | Connection points |
| Rated voltage (II/2) 2 | 500 V |
| Rated surge voltage (II/2) 2 | 4 kV |
| Rated current 2 | 24 A |

Connection data

| | |
|----------------------------|--------------------|
| Connection points | 10 |
| Total number of potentials | 2 |
| Number of connection types | 4 |
| PE function | without PE contact |

Connection 1

| | |
|--------------------------------------|---|
| Connection type 1 | External 1 |
| Connection technology | Push-in CAGE CLAMP® |
| Number of connection points | 2 |
| Actuation type | Push-button |
| Connectable conductor materials | Copper |
| 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 |

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



| | |
|--|---|
| 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 | 2 |
| Wiring direction | Side-entry wiring |

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 ... 16 AWG |
| Fine-stranded conductor; with uninsulated ferrule 2 | 0.5 ... 1.5 mm ² / 18 ... 14 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 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 mm ² / 18 AWG |
| Strip length 4 | 8 ... 9 mm / 0.31 ... 0.35 inches |

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



Physical data

| | |
|-------------------------|------------------------|
| Pin spacing | 10 mm / 0.394 inches |
| Width | 20 mm / 0.787 inches |
| Height from the surface | 17 mm / 0.669 inches |
| Depth | 27.3 mm / 1.075 inches |

Mechanical Data

| | |
|---------------|-------------------------------|
| Marking | - ± |
| Mounting type | Without snap-in mounting feet |

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 | 0.121 MJ |
| Halogen-free | Yes |
| Weight | 6.1 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 |

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



| | |
|-----------------------|---------------|
| PU (SPU) | 1000 pcs |
| Packaging type | Foil |
| Country of origin | CH |
| GTIN | 4050821097822 |
| 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) | 314bb694-7b80-457b-99e0-4d9eeb58a402 |
| SCIP notification number (Belgium) | 37761459-7a8f-4441-9f4a-4a8456ba3da3 |
| SCIP notification number (Bulgaria) | 45bac9be-432b-4a97-9ced-3491e8a90f00 |
| SCIP notification number (Czech Republic) | 1289047b-c7b2-4d61-a920-9a085d7e107e |
| SCIP notification number (Denmark) | b4a20c84-b7bc-493f-aa6f-06ad0e383e35 |
| SCIP notification number (Finland) | c8a504e6-d678-4913-bcbc-353f9da18b1f |
| SCIP notification number (France) | 3559b876-b280-41e7-911f-f53eb0ecb7d5 |
| SCIP notification number (Germany) | f246f7d4-413a-4cb7-806e-8ce4f56a6958 |
| SCIP notification number (Hungary) | f382385f-f1f2-40ec-8fab-cb648403a641 |
| SCIP notification number (Italy) | 7ba4116f-fb16-40a0-924f-e95c8047cb6b |
| SCIP notification number (Netherlands) | ae5e04a1-d206-47cf-9455-a01d29d409ae |
| SCIP notification number (Poland) | a2bb3399-0f77-4cff-b43c-67d3f0ac91e1 |
| SCIP notification number (Romania) | a7418aed-ff09-4ff2-a54e-d6f07b505859 |
| SCIP notification number (Sweden) | 14424c71-79f9-4310-9a2b-3d16acfe2781 |

Approvals / Certificates

General approvals

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

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



| Logo | Approval | Additional Approval Text | Certificate name |
|------|-------------------------------------|--------------------------|------------------|
| | ENEC 05 DEKRA Certification B.V. | EN 60998 | 2128791.01 |

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 | - | - |

Optional accessories

Tool

| Operating tool | | |
|----------------|---|--|
| | Item no.: 206-294 Disconnection tool; green | www.wago.com/206-294 |

Strain relief

| Strain relief | | |
|---------------------|--|--|
| | Item no.: 294-370 Strain relief; for 294 Series; with snap-in mounting feet; white | www.wago.com/294-370 |
| | Item no.: 294-375 Strain relief; for 294 Series; without snap-in mounting feet; white | www.wago.com/294-375 |
| Strain relief plate | | |
| | Item no.: 294-364 Strain relief plate; for 294 Series; for multicore cables; 3- to 5-pole; with secured clamp; white | www.wago.com/294-364 |
| | Item no.: 294-384 Strain relief plate; for 294 Series; for single strands; 3- to 5-pole; with secured clamp; white | www.wago.com/294-384 |

Downloads

Documentation

Bid Text

| | | | |
|-------------------------|-------------|----------------|----------|
| 294-4072 X81 - Datei | 2019 年2月19日 | xml 5.7 kB | Download |
| 294-4072 doc - Datei | 2017 年6月13日 | doc 27.6 kB | Download |

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

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Additional Information

pdf
2.3 MB Download

CAD/CAE-Data

CAE data

WSCAD Universe 294-4072 URL Download

ZUKEN Portal 294-4072 URL Download

CAD data

2D/3D Models 294-4072 URL Download

Environmental Product Compliance

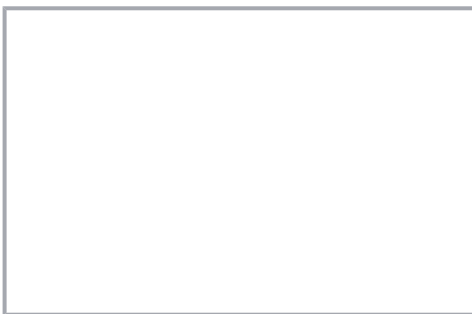
Compliance Search

Environmental Product Compliance 294-4072 URL Download

Lighting connector; push-button, external; without ground contact; 2-pole; 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

Installation Notes

Installation



2-pole – without ground contact

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



Mounting hole for screw

Notice: The maximum thread diameter for self-tapping screws is 3 mm.



Hole for screw mount

Notice: The maximum thread diameter for self-tapping screws is 3 mm.

Conductor termination



Internal connection:

PUSH WIRE® for internal wiring with solid conductors



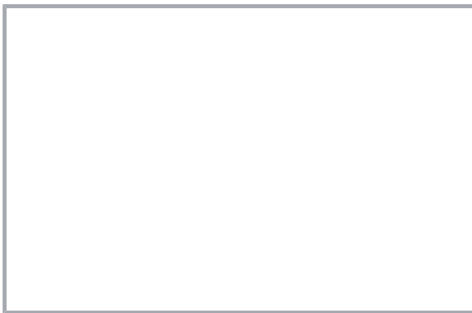
External connection:

Push-in CAGE CLAMP® for field-wiring with all conductor types

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



Terminating five conductors per pole – solid and fine-stranded.



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