

Data sheet | Item number: 294-4015

Lighting connector; push-button, external; without ground contact; L3-L2-L1-PE-N; 5-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/294-4015



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 connection end

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

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

- Strain relief plate can be retrofitted

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	25
Total number of potentials	5
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	5
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	50 mm / 1.969 inches
Height from the surface	17 mm / 0.669 inches
Depth	27.3 mm / 1.075 inches

Mechanical Data

Marking	L3-L2-L1- $\frac{1}{2}$ -N
Mounting type	Without snap-in mounting feet

Material Data

Note (material data)	Information on material specifications can be found here
Color	white
Material group	IIIa
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	0.301 MJ
Halogen-free	Yes
Weight	15.2 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
eCl@ss 9.0	27-14-11-06
ETIM 8.0	EC001284
ETIM 7.0	EC001284

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PU (SPU)	250 pcs
Packaging type	Foil
Country of origin	CH
GTIN	4050821097686
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)	bcf1d540-c305-4720-a52c-73e1f47d1847
SCIP notification number (Belgium)	7465836c-eac0-4e70-a101-d3069de8ecb9
SCIP notification number (Bulgaria)	4b38bd2f-8e72-45b6-86ac-761b845a958b
SCIP notification number (Czech Republic)	ffd52c14-fc37-47ae-a803-aeb5f46a18b9
SCIP notification number (Denmark)	93985463-4d5e-4b11-a460-7b85c15a7a1b
SCIP notification number (Finland)	6bf8223c-d7d9-466d-829c-8208c3059dcf
SCIP notification number (France)	6ac9afc8-ef64-4e6b-bb8a-9368fdb37dfa
SCIP notification number (Germany)	58820f9f-d094-4a13-8036-5bd1e92beb49
SCIP notification number (Hungary)	322d988a-0aaf-48e5-a55e-2e7689877fdf
SCIP notification number (Italy)	66d98d15-9da9-4988-ab51-812f1a201a05
SCIP notification number (Netherlands)	f43a7499-b456-4969-8f7a-74ade24e508c
SCIP notification number (Poland)	3ec50e88-7e80-44b9-82b3-e73d2a439c12
SCIP notification number (Romania)	0fd7d7e4-e694-4f91-9bd9-49135bf7023e
SCIP notification number (Sweden)	04ccad53-585f-45b4-b1ca-ccb4e4764f197

Approvals / Certificates

General approvals

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

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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

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

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

Downloads

Documentation

Bid Text

294-4015 X81 - Datei	2019 年2月19 日	xml 5.7 kB	Download
294-4015 doc - Datei	2017 年6月13 日	doc 29.2 kB	Download

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Additional Information

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CAD/CAE-Data

CAD data

2D/3D Models 294-4015 URL Download

CAE data

WSCAD Universe 294-4015 URL Download

ZUKEN Portal 294-4015 URL Download

Environmental Product Compliance

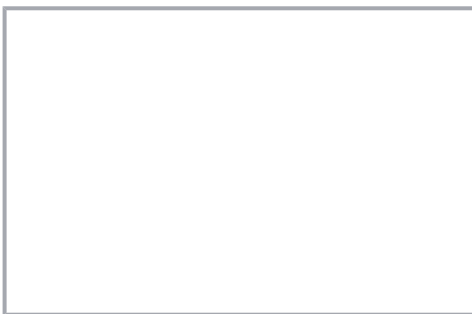
Compliance Search

Environmental Product Compliance 294-4015 URL Download

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Installation Notes

Installation



5-pole – without ground contact

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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



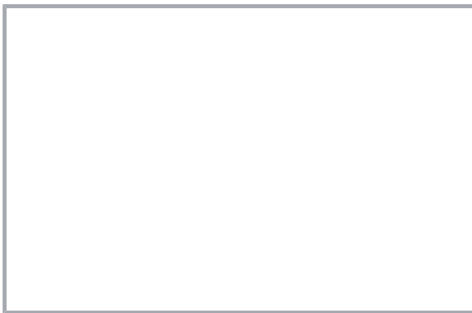
External connection:

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.



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