

Data sheet | Item number: 294-5315

Lighting connector; push-button, external; with angled snap-in 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/294-5315



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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- 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	Angled snap-in 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	21.53 mm / 0.848 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	Snap-in foot

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	0.302 MJ
Halogen-free	Yes
Weight	16.2 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

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ETIM 7.0	EC001284
PU (SPU)	250 pcs
Packaging type	bag
Country of origin	PL
GTIN	4050821098492
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)	14907cd2-4a23-4135-9c90-7780e874022d
SCIP notification number (Belgium)	d58976f8-640a-436b-b491-62d5bf4bde68
SCIP notification number (Bulgaria)	d152b370-2ae8-4c71-9359-6f6a6f60cfaf
SCIP notification number (Czech Republic)	3dde4f4b-fb4d-47c0-a2ec-205ecad31cfb
SCIP notification number (Denmark)	b3f0be5d-18da-4fdb-8020-88c63de9796d
SCIP notification number (Finland)	c82dd589-eeed-4b44-95b7-48d2cff371fc
SCIP notification number (France)	7103ff1a-f334-4efc-afc7-dc87801a085f
SCIP notification number (Germany)	ef9d4fcd-e4bf-4953-93b3-ffd70b1f288f
SCIP notification number (Hungary)	ce64d345-fe9c-4593-b2fc-7471ef82bdbc
SCIP notification number (Italy)	ea75d6e7-86cc-4681-a4d3-762937a42d38
SCIP notification number (Netherlands)	30073d7a-766b-4fa0-9207-af0616a4d580
SCIP notification number (Poland)	e2537d9e-46bf-420d-bcea-a5b934f41903
SCIP notification number (Romania)	17b473da-0359-416a-84a6-303033866397
SCIP notification number (Sweden)	e2dc5e44-969d-4d20-a70e-5ebbeed64ee7

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Approvals / Certificates

General approvals

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

294-5315	2019 年2月19日	xml	Download
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CAD/CAE-Data

CAE data

WSCAD Universe 294-5315		URL		Download
ZUKEN Portal 294-5315		URL		Download

CAD data

2D/3D Models 294-5315		URL		Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 294-5315 Lighting connector; push-button, external; with angled snap-in ground contact; L3-L2-L1-PE-N; 5-pole; Lighting side: for solid conductors; Inst. side: for all conductor types; max. 2.5 mm ² ; Surrounding air temperature: max 85°C (T85); 2,50 mm ² ; white		URL		Download
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Installation Notes

Installation

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5-pole – with snap-in ground contact, d = 4.9 mm

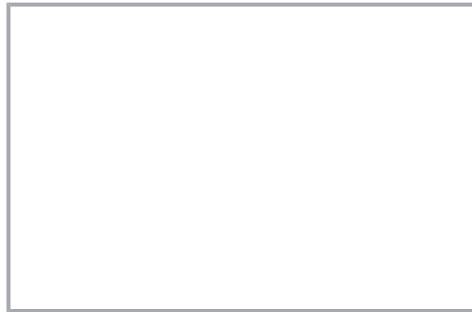


Snap-in foot



Drilled hole for snap-in mounting foot

Conductor termination



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



Internal connection:

PUSH WIRE® for internal wiring with solid conductors

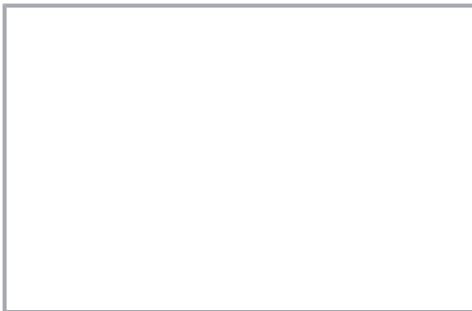


External connection:

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



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



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