

**Data sheet | Item number: 294-8213**

Lighting connector; push-button, external; for Linect®; with snap-in ground contact; 3-pole; Cod. A; Lighting side: for solid conductors; Inst. side: for all conductor types; max. 2.5 mm<sup>2</sup>; Surrounding air temperature: max 85°C (T85); 2,50 mm<sup>2</sup>; white

[www.wago.com/294-8213](http://www.wago.com/294-8213)



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 <sup>®</sup> 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	3
Number of connection types	4
PE function	Snap-in PE contact

#### Connection 1

Connection type 1	External 1
Connection technology	Push-in CAGE CLAMP <sup>®</sup>

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 <sup>2</sup> / 18 ... 12 AWG
Solid conductor; push-in termination	0.5 ... 2.5 mm <sup>2</sup> / 18 ... 12 AWG
Stranded conductor	0.5 ... 2.5 mm <sup>2</sup> / 18 ... 14 AWG
Fine-stranded conductor	0.5 ... 2.5 mm <sup>2</sup> / 18 ... 14 AWG
Fine-stranded conductor; with insulated ferrule	0.5 ... 1.5 mm <sup>2</sup> / 18 ... 16 AWG
Fine-stranded conductor; with uninsulated ferrule	0.5 ... 1.5 mm <sup>2</sup> / 18 ... 16 AWG
Fine-stranded conductor; with ferrule; push-in termination	0.5 mm <sup>2</sup> / 18 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches
Pole number	3

### 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 <sup>2</sup> / 18 ... 14 AWG
Fine-stranded conductor; with insulated ferrule 2	0.5 ... 1 mm <sup>2</sup> / 18 ... 14 AWG
Fine-stranded conductor; with uninsulated ferrule 2	0.5 ... 1.5 mm <sup>2</sup> / 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 <sup>2</sup> / 18 ... 16 AWG
Fine-stranded conductor; with insulated ferrule 3	0.5 ... 0.75 mm <sup>2</sup> / 18 AWG
Fine-stranded conductor; with uninsulated ferrule 3	0.5 ... 1 mm <sup>2</sup> / 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 <sup>2</sup> / 18 AWG
Strip length 4	8 ... 9 mm / 0.31 ... 0.35 inches

### Physical data

Pin spacing	10 mm / 0.394 inches
Width	30 mm / 1.181 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	N $\perp$ L

### 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 <sub>Cu</sub> )
Contact plating	Tin
Fire load	0.2 MJ
Weight	10.8 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	bag
Country of origin	PL
GTIN	4050821098843
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)	6cf05cba-16b7-4fa0-a101-8c568e13128a
SCIP notification number (Belgium)	2a56cacb-d140-40ac-93ed-e35cb9a7a32b
SCIP notification number (Bulgaria)	0dc71550-eb4b-4a69-b40a-19f20fa99a8b
SCIP notification number (Czech Republic)	b615af52-b767-4b50-bfd3-43fbe7c75588
SCIP notification number (Denmark)	0ed771d8-74b4-4256-a3de-1086ac53a933
SCIP notification number (Finland)	32753d42-9a22-46fb-a30a-e0114ca19d09
SCIP notification number (France)	e34da762-c82b-4c5d-8c6c-259e95c10789
SCIP notification number (Germany)	3bf0e47b-a58d-44f1-b7d1-837884f9af94
SCIP notification number (Hungary)	62106e15-34da-4134-ab7c-f441cc766b4f
SCIP notification number (Italy)	99e41c03-af91-4996-b387-ff87971580db
SCIP notification number (Netherlands)	2141d6d0-43f0-4888-8bba-959236e394d9
SCIP notification number (Poland)	99e74bfa-b0ea-4280-833d-11385cb24490
SCIP notification number (Romania)	649a78d4-8645-47a0-a600-e8ab82f77564
SCIP notification number (Sweden)	d9acb15c-3f08-47f2-9877-67ba21536782

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## Other

Technology

Linect

## Approvals / Certificates

### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>ENEC 05</b> DEKRA Certification B.V.	EN 60998	2128791.01

### Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	<b>EU-Declaration of Conformity</b> WAGO GmbH & Co. KG	-	-
	<b>UK-Declaration of Conformity</b> WAGO GmbH & Co. KG	-	-

## 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 294-8213	URL	Download
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### CAE data

WSCAD Universe 294-8213	URL	Download
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ZUKEN Portal 294-8213	URL	Download
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## Environmental Product Compliance

### Compliance Search

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## Installation Notes

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