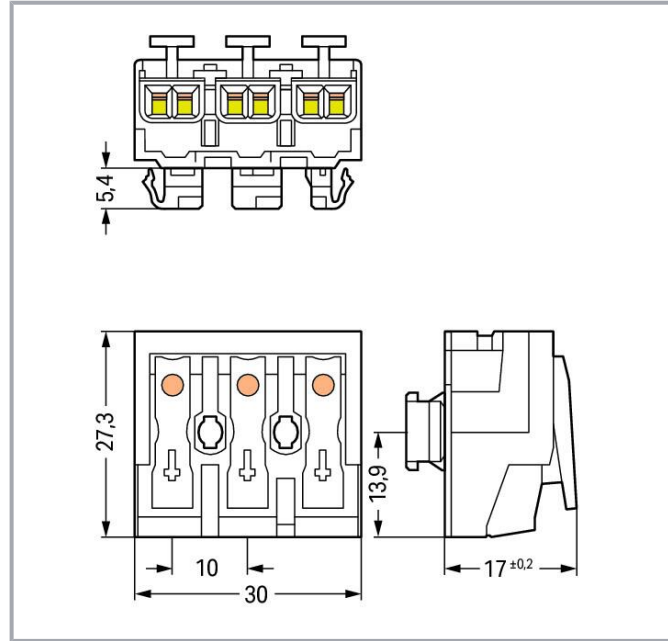


## Data sheet | Item number: 294-8013

Lighting connector; push-button, external; for Linect®; without 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/294-8013](http://www.wago.com/294-8013)



### 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
- - Strain relief plate can be retrofitted

### Data

#### Electrical data

#### Ratings per IEC/EN

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

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

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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 for	Connection points
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 per 3	IEC/EN 61984
Ratings for	Linect <sup>®</sup> plug-in connection
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

### Connection 1

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

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



## 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
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

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

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## Mechanical Data

Technology	Linect
Marking	N $\frac{1}{2}$ L

## 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 <sub>Cu</sub> )
Contact plating	Tin
Fire load	0.2 MJ
Weight	9.8 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
eCl@ss 9.0	27-14-11-06
ETIM 8.0	EC001284
ETIM 7.0	EC001284
PU (SPU)	500 pcs
Packaging type	Foil
Country of origin	CH
GTIN	4050821098751
Customs tariff number	85369010000

## Environmental Product Compliance

CAS-No.	131651-65-5
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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)	5c8499aa-f595-4151-a0f9-23bb453ef6a8
SCIP notification number (Belgium)	9ce3b23f-80e4-4f4b-9b1d-32ebbbccb3c3
SCIP notification number (Bulgaria)	373a47db-925f-4e48-b194-0a73ff2ca44e
SCIP notification number (Czech Republic)	b4fdb4d4-2795-4f5b-8568-d00ae79d9d24
SCIP notification number (Denmark)	04c1d1a5-468a-4925-a3b4-5f14ad2cf62a
SCIP notification number (Finland)	2e5c8957-2386-46db-92e1-da763d27276c
SCIP notification number (France)	6bd9ca4a-9b64-4e4f-892f-985860ad934c
SCIP notification number (Germany)	e1a734e7-02a2-4e6e-ba94-799f3c39c469
SCIP notification number (Hungary)	79910f9f-0885-4f78-9e96-21965fe8ef8f
SCIP notification number (Italy)	7dd8a6c9-0681-4f76-8e46-b0783ba4df95
SCIP notification number (Netherlands)	63c247b7-dfff-4196-a3ff-e2d354c70435
SCIP notification number (Poland)	6440bdb2-f016-4624-b99f-6ff2c160da0e
SCIP notification number (Romania)	72c1d068-266a-498d-bcbe-91b0e912f587
SCIP notification number (Sweden)	bc925f27-7213-4790-8907-0c1e1a71712f

## Other

Technology	Linect
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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

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VDE  
VDE Prüf- und Zertifizierungsinstitut

EN 61535

40029808

## 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	-	-

## Counterpart



Item no.770-6223  
Linect® T-connector; 3-pole; Cod. A; 1 input; 2 outputs; white

[www.wago.com/770-6223](http://www.wago.com/770-6223)

Item no.770-6229  
Linect® T-connector; 3-pole; 1 input; with cable connection on the input side; white

[www.wago.com/770-6229](http://www.wago.com/770-6229)

## Downloads

## Documentation

## Additional Information

Technical Section	2019 Apr 3	pdf	Download
Technical explanations		2.0 MB	

## CAD/CAE-Data

## CAD data

2D/3D Models 294-8013	URL	Download
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## CAE data

ZUKEN Portal 294-8013	URL	Download
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WSCAD Universe 294-8013

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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 294-8013

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## Installation Notes

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