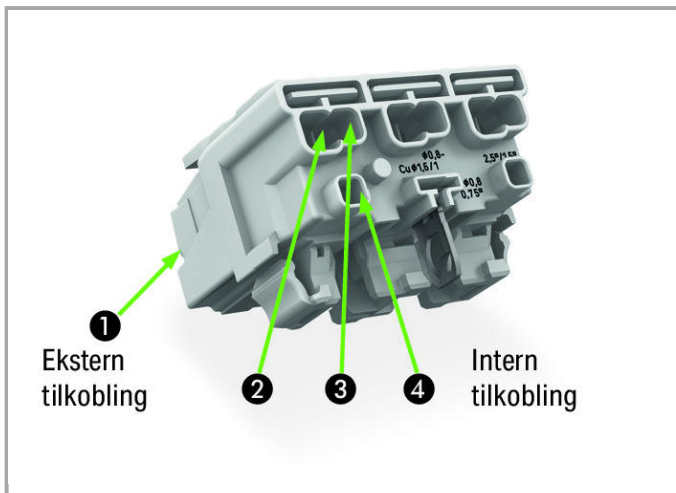
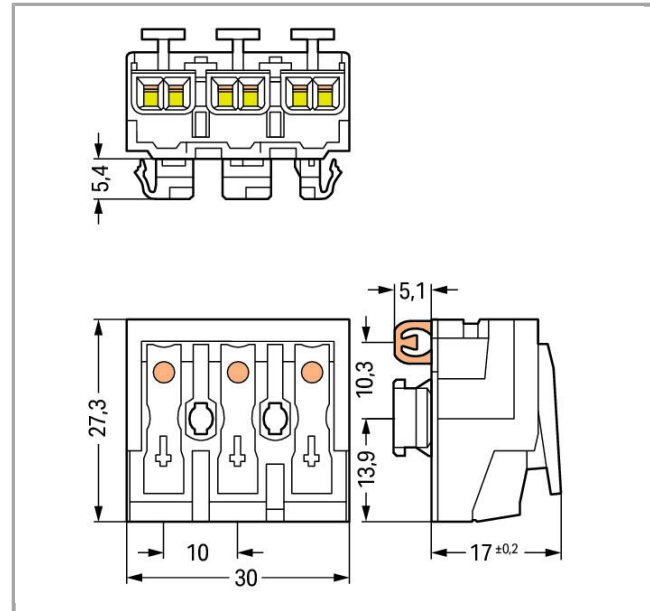


## Datablad | Artikkelnummer: 294-8113

Lighting connector; push-button, external; for Linect®; with direct 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/294-8113](http://www.wago.com/294-8113)



### Element beskrivelse

- 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 60664-1

Ratings note	Connection points
Rated voltage (II / 2)	500 V
Rated impulse voltage (II / 2)	4 kV
Rated current	24 A
Ratings according to 2	IEC/EN 60998-2-2
Ratings note 2	Connection points
Rated voltage (II / 2) 2	500 V
Rated impulse voltage (II / 2) 2	4 kV
Rated current (2)	24 A
Ratings according to 3	IEC/EN 61984
Ratings Note 3	Linect <sup>®</sup> plug-in connection
Rated voltage (II / 2) 3	500 V
Rated impulse voltage (II / 2) 3	4 kV
Rated current (3)	16 A

#### Connection data

Connection type (1)	External 1
Connection technology	Push-in CAGE CLAMP <sup>®</sup>
Number of connection points (connection type)	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 ferrule with plastic collar	0,5 ... 1,5 mm <sup>2</sup> / 18 ... 16 AWG
Fine-stranded conductor with ferrule without plastic collar	0,5 ... 1,5 mm <sup>2</sup> / 18 ... 16 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inch
Connection type (2)	Internal 2
Connection technology 2	PUSH WIRE <sup>®</sup>
Number of connection points	1
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 inch
Connection type (3)	Internal 3



Connection technology 3	PUSH WIRE®
Number of connection points	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 0,5 ... 0,75mm <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 inch
Connection type (4)	Internal 4
Connection technology 4	PUSH WIRE®
Number of connection points	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 inch
Total number of potentials	3
Number of connection types	4
Ground function	with direct GND contact
Actuation type 2	Push-in
No. of poles	3
Leiterquerschnitte eindrätig	0.5 mm <sup>2</sup>

### Geometrical Data

Pin spacing	10 mm / 0.394 inch
Width	30 mm / 1.181 inch
Height	22,4 mm / 0.882 inch
Høyde fra overflaten	17 mm / 0.669 inch
Depth	27,3 mm / 1.075 inch

### Mechanical data

Marking	N L
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### Material Data

Color	hvit
Material group	III a
Insulating material	Polycarbonate (PC)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (Ecu)
Contact plating	tin-plated
Fire load	0.2 MJ
Weight	9.964 g

## Environmental Requirements



Temperature stability	120 °C
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## Commercial data

Product Group	8 (Misc. Chassis Mount Blocks)
Country of origin	CH
GTIN	4050821098805

## Godkjenninger/sertifikater

### Landspesifikke godkjenninger

Logo	Godkjenning	Ytterligere godkjenningstekst	Sertifikatnavn
	ENEC 05 DEKRA Certification B.V.	EN 60998	2128791.01
	VDE VDE Prüf- und Zertifizierungsinstitut	EN 61535	40029808

## Nedlastinger

### Documentation

#### Additional Information

Technical explanations	03.apr.2019	pdf 3,6 MB	Last ned
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## CAD/CAE - Smart Data

### CAD data

3D Download 294-8113	URL	Last ned
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### WSCAD

WSCAD Universe	Last ned
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Forbehold om endringer.

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