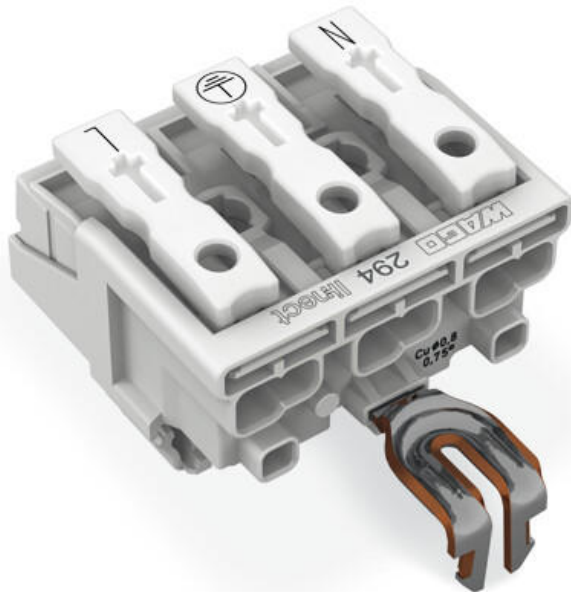


## Data sheet | Item number: 294-8213

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



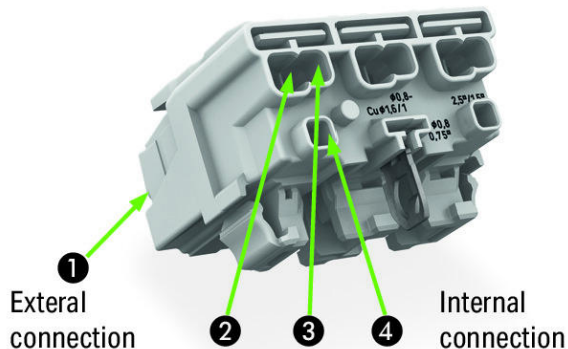
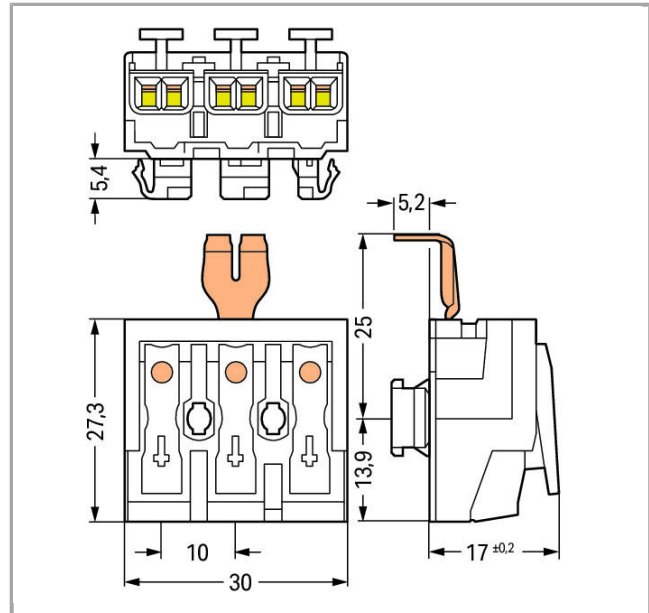
294-8213



RoHS Compliant

[BOMcheck.net](https://www.bomcheck.net)

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
- - 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
Actuation type 2	Push-in
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 ... 0.75 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 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
No. of poles	3
Total number of potentials	3
Number of connection types	4
Ground function	with snap-in GND contact

## Geometrical Data

Pin spacing	10 mm / 0.394 inch
Width	30 mm / 1.181 inch
Height	22.4 mm / 0.882 inch
Height from the surface	17 mm / 0.669 inch
Depth	27.3 mm / 1.075 inch

## Mechanical data

Marking	N L
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## Material Data

Color	white
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 (E <sub>Cu</sub> )
Contact plating	tin-plated
Fire load	0.2 MJ
Weight	10.8 g

### Environmental Requirements


Temperature stability	120 °C
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### Commercial data

Product Group	8 (Misc. Chassis Mount Blocks)
Country of origin	PL
GTIN	4050821098843
Customs Tariff No.	85369010000

### Approvals / Certificates

#### Country specific Approvals

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

### Downloads

#### CAD/CAE - Smart Data

##### CAD data

3D Download 294-8213	URL	Download
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Subject to changes.