

## Data sheet | Item number: 294-8024

Lighting connector; push-button, external; for Linect®; without ground contact; 1/L'-2/L-PE-N; 4-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

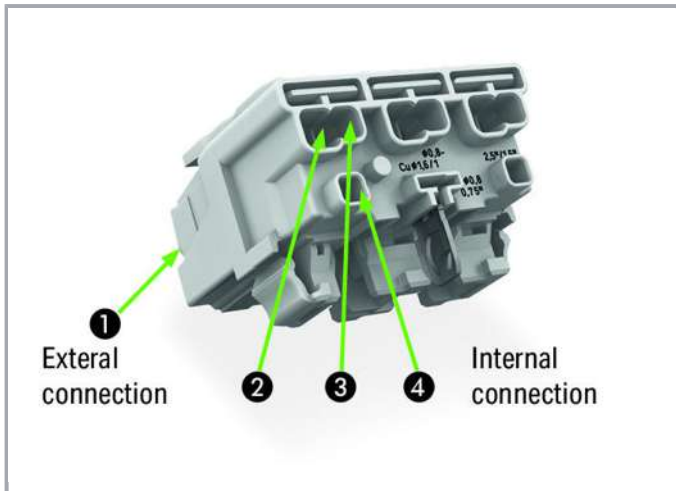
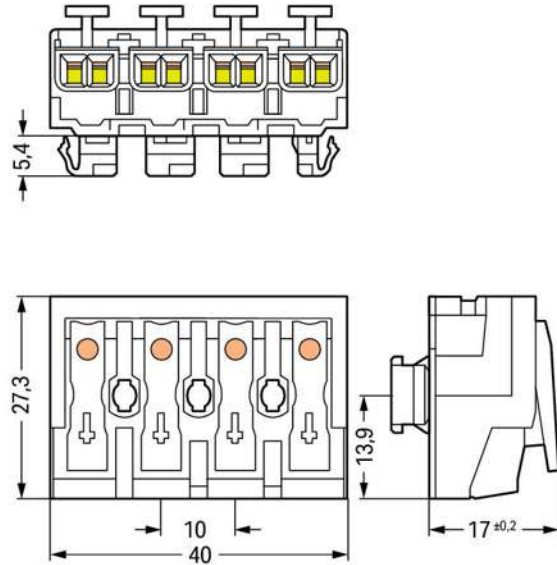
[www.wago.com/294-8024](http://www.wago.com/294-8024)



RoHS Compliant

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

Color:



### Item description

- External connection of solid, stranded and fine-stranded conductors

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

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- 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 per	IEC/EN 60998-1
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
Legend (ratings)	(III / 2) $\triangleq$ Overvoltage category III / Pollution degree 2

#### Approvals per UL 1059

Approvals per	UL 1059
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### 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

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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
Fine-stranded conductor with ferrule, push-in termination, from	0,5 mm <sup>2</sup> / 18 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inch
No. of poles	4
Connection type (2)	Internal 2
Connection technology 2	PUSH WIRE®
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	4
Number of connection types	4

## Geometrical Data

Pin spacing	10 mm / 0.394 inch
Width	40 mm / 1.575 inch
Height	22,4 mm / 0.882 inch
Height from the surface	17 mm / 0.669 inch
Depth	27,3 mm / 1.075 inch

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## Mechanical data

Technologie	Linect
Marking	1/L' 2/L N

## 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	0.265 MJ
Weight	13 g

## Environmental Requirements


Temperature stability	120 °C
T-Kennzeichnung	T85

## Commercial data

Product Group	8 (Misc. Chassis Mount Blocks)
Packaging type	lamination
Country of origin	CH
GTIN	4050821098775
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
	VDE VDE Prüf- und Zertifizierungsinstitut	EN 61535	40029808

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## Counterpart



Item no.770-6224

Linect® T-connector; 4-pole; Cod. A; 1 input; 2 outputs

[www.wago.com/770-6224](http://www.wago.com/770-6224)

## Downloads

### Documentation

#### Additional Information

Technical explanations	Apr 3, 2019	pdf 3.6 MB	Download
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## CAD/CAE-Data

### CAD data

2D/3D Models 294-8024	URL	Download
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### CAE data

WSCAD Universe 294-8024	URL	Download
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## Installation Notes

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