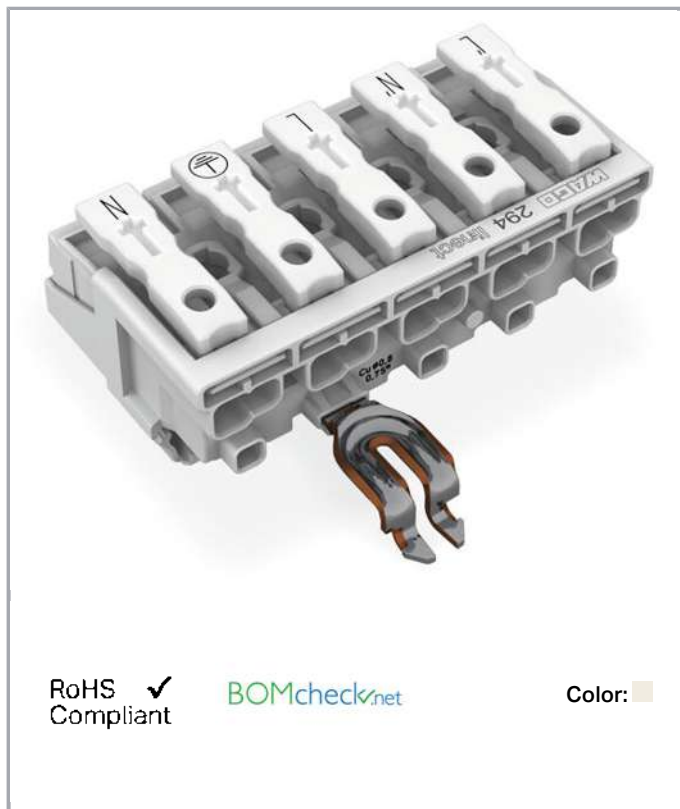


Data sheet | Item number: 294-8325

Lighting connector; push-button, external; for Linect®; with angled snap-in ground contact; L'-N'-L-PE-N; 5-pole; Cod. L; Lighting side: for solid conductors; Inst. side: for all conductor types; max. 2.5 mm²; Surrounding air temperature: max 85°C (T85); 2,50 mm²; white

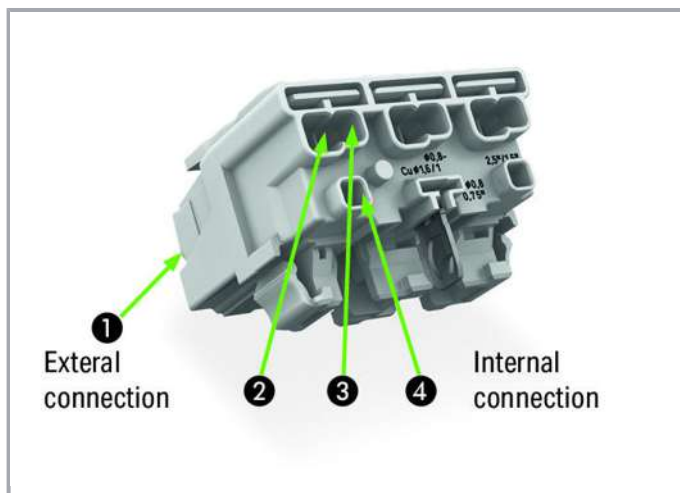
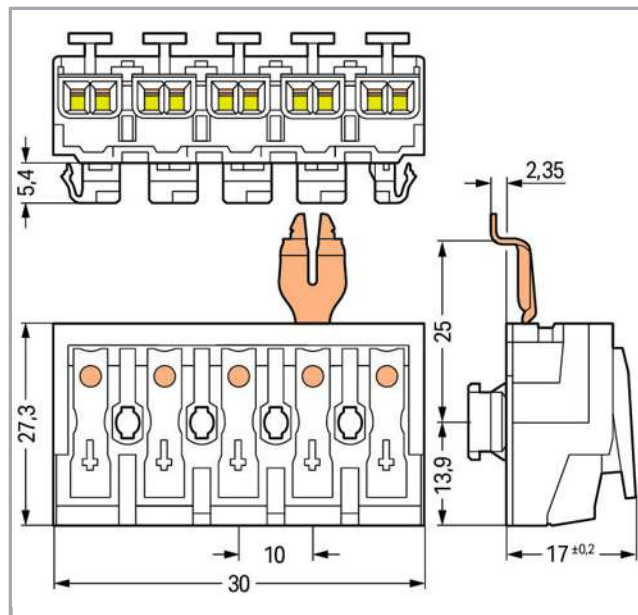
www.wago.com/294-8325



RoHS
Compliant

BOMcheck.net

Color:



①
External
connection

②

③

④

Internal
connection

Item description

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

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- 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 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 [®] 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) ≙ 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 [®]
Number of connection points (connection type)	2
Actuation type	Push-button
Actuation type 2	Push-in

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



Solid conductor	0,5 ... 2,5 mm ² / 18 ... 12 AWG
Solid conductor, push-in termination	0,5 ... 2,5 mm ² / 18 ... 12 AWG
Stranded conductor	0,5 ... 2,5 mm ² / 18 ... 14 AWG
Fine-stranded conductor	0,5 ... 2,5 mm ² / 18 ... 14 AWG
Fine-stranded conductor with ferrule with plastic collar	0,5 ... 1,5 mm ² / 18 ... 16 AWG
Fine-stranded conductor with ferrule without plastic collar	0,5 ... 1,5 mm ² / 18 ... 16 AWG
Fine-stranded conductor with ferrule, push-in termination, from	0,5 mm ² / 18 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inch
No. of poles	5
Connection type (2)	Internal 2
Connection technology 2	PUSH WIRE®
Number of connection points	1
Solid conductor (2)	0,5 ... 2,5 mm ² / 18 ... 14 AWG
Fine-stranded conductor with insulated ferrule (2)	0,5 ... 1 mm ² / 18 ... 14 AWG
Fine-stranded conductor with uninsulated ferrule (2)	0,5 ... 1,5 mm ² / 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 ² / 18 ... 16 AWG
Fine-stranded conductor with insulated ferrule (3)	0,5 ... 0,75 mm ² / 18 AWG 0,5 ... 0,75 mm ² / 18 AWG
Fine-stranded conductor with uninsulated ferrule (3)	0,5 ... 1 mm ² / 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 ² / 18 AWG
Strip length (4)	8 ... 9 mm / 0.31 ... 0.35 inch
Total number of potentials	5
Number of connection types	4
Ground function	with angled snap-in ground contact

Geometrical Data

Pin spacing	10 mm / 0.394 inch
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Width	50 mm / 1.969 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

Technologie	Linect
Marking	L' N' 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 _{Cu})
Contact plating	tin-plated
Fire load	0.332 MJ
Weight	17.1 g

Environmental Requirements

Temperature stability	120 °C
T-Kennzeichnung	T85

Commercial data

Product Group	8 (Misc. Chassis Mount Blocks)
Packaging type	bag
Country of origin	PL
GTIN	4050821098904
Customs Tariff No.	85369010000

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ENEC 05	EN 60998	2128791.01

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DEKRA Certification B.V.



VDE
VDE Prüf- und Zertifizierungsinstitut

EN 61535

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Counterpart

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 294-8325	URL	Download
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CAE data

WSCAD Universe 294-8325	URL	Download
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Installation Notes

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