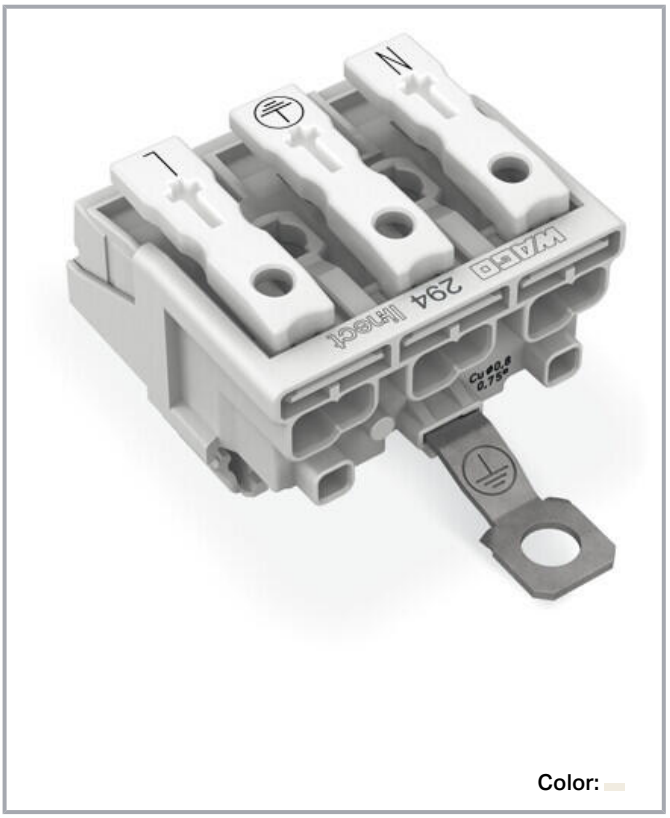
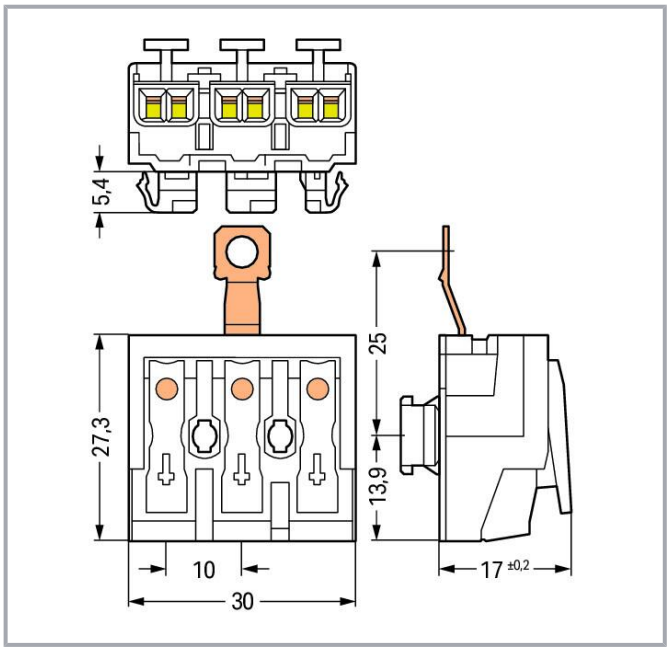
Data sheet | Item number: 294-8413

Lighting connector; push-button, external; for Linect®; with screw-type ground contact; 3-pole; Cod. A; 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/294-8413





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	Connection points

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

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Ratings per	IEC/EN 60998-1
Nominal voltage (II/2)	500 V
Rated surge voltage (II/2)	4 kV
Rated current	24 A
Legend (ratings)	(II / 2) ≙ Overvoltage category II / Pollution degree 2

Ratings per IEC/EN 2

Ratings	Connection points
Ratings per 2	IEC/EN 60998-2-2
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	Linect® plug-in connection
Ratings per 3	IEC/EN 61984
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
PE function	Screw-type PE contact

Connection 1

Connection type 1	External 1
Connection technology	Push-in CAGE CLAMP®
Number of connection points	2
Actuation type	Push-button
Solid conductor	0.5 … 2.5 mm² / 18 … 12 AWG
Solid conductor; push-in termination	0.5 … 2.5 mm² / 18 … 12 AWG
Stranded conductor	0.5 … 2.5 mm² / 18 … 14 AWG
Fine-stranded conductor	0.5 … 2.5 mm² / 18 … 14 AWG
Fine-stranded conductor; with insulated ferrule	0.5 … 1.5 mm² / 18 … 16 AWG
Fine-stranded conductor; with uninsulated ferrule	0.5 … 1.5 mm² / 18 … 16 AWG

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Fine-stranded conductor; with ferrule; push-in termination	0.5 mm² / 18 AWG
Strip length	8 … 9 mm / 0.31 … 0.35 inches
Pole number	3

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 mm² / 18 … 14 AWG
Fine-stranded conductor; with insulated ferrule 2	0.5 … 1 mm² / 18 … 14 AWG
Fine-stranded conductor; with uninsulated ferrule 2	0.5 … 1.5 mm² / 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 mm² / 18 … 16 AWG
Fine-stranded conductor; with insulated ferrule 3	0.5 … 0.75 mm² / 18 AWG
Fine-stranded conductor; with uninsulated ferrule 3	0.5 … 1 mm² / 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 mm² / 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

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Height from the surface	17 mm / 0.669 inches
Depth	27.3 mm / 1.075 inches

Mechanical data

Technology	Linect
Marking	N ⏚ 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_{Cu})
Contact plating	Tin
Fire load	0.2 MJ
Weight	10.4 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
ECCN	NO DATA
PU (SPU)	500 pcs
Packaging type	bag
Country of origin	PL
GTIN	4050821098928

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Customs tariff number	85369010000

Environmental Product Compliance

REACH Candidate List Substance	Perfluorobutane sulfonic acid (PFBS) and its salts
RoHS Compliance Status	Compliant,No Exemption
SCIP notification number (Austria)	67c094eb-c076-4d49-9aee-355515a6d20b
SCIP notification number (Belgium)	fef4bcad-ded0-47af-b960-f1e6f8c5fa0f
SCIP notification number (Bulgaria)	e6226880-368b-4512-916f-0fb090ae0540
SCIP notification number (Czech Republic)	d844b75c-7ec7-4251-983e-5233966c6abe
SCIP notification number (Denmark)	7d084bcb-d7ed-4583-9aab-50a00b155ab3
SCIP notification number (Finland)	fb3efb06-b773-4222-a5f3-b482ef064fb7
SCIP notification number (France)	5024a130-51dd-4fe0-9799-b915df9d0e79
SCIP notification number (Germany)	18909677-4ad0-4384-bd19-c5a30255a06c
SCIP notification number (Hungary)	e074bb0d-f7fb-4cfd-88b4-bb0e1ffac8c7
SCIP notification number (Italy)	80560db7-8219-4517-b580-84b6b3bbafdf
SCIP notification number (Netherlands)	dee4e1bf-a20e-4545-9544-8768092badd2
SCIP notification number (Poland)	ebcffc15-1ad1-4602-a5c9-1eb8182e8e32
SCIP notification number (Romania)	972cde9c-5f3a-483c-b4fd-67e1da1041b5
SCIP notification number (Sweden)	6104405c-1ba8-4b70-a058-6391fcac826b

Other

Technology	Linect

Approvals / Certificates

General approvals

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

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-

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UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Downloads

Documentation

Additional Information

Technical Section Technical explanations	2019 年4月3日	pdf 2.1 MB	Download

CAD/CAE-Data

CAD data

2D/3D Models 294-8413	URL	Download

CAE data

ZUKEN Portal 294-8413	URL	Download
WSCAD Universe 294-8413	URL	Download

Asset Administration Shell

Asset Administration Shell 294-8413	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 294-8413 Lighting connector; push-button, external; for Linect®; with screw-type ground contact; 3-pole; Cod. A; 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	URL	Download

Installation Notes

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