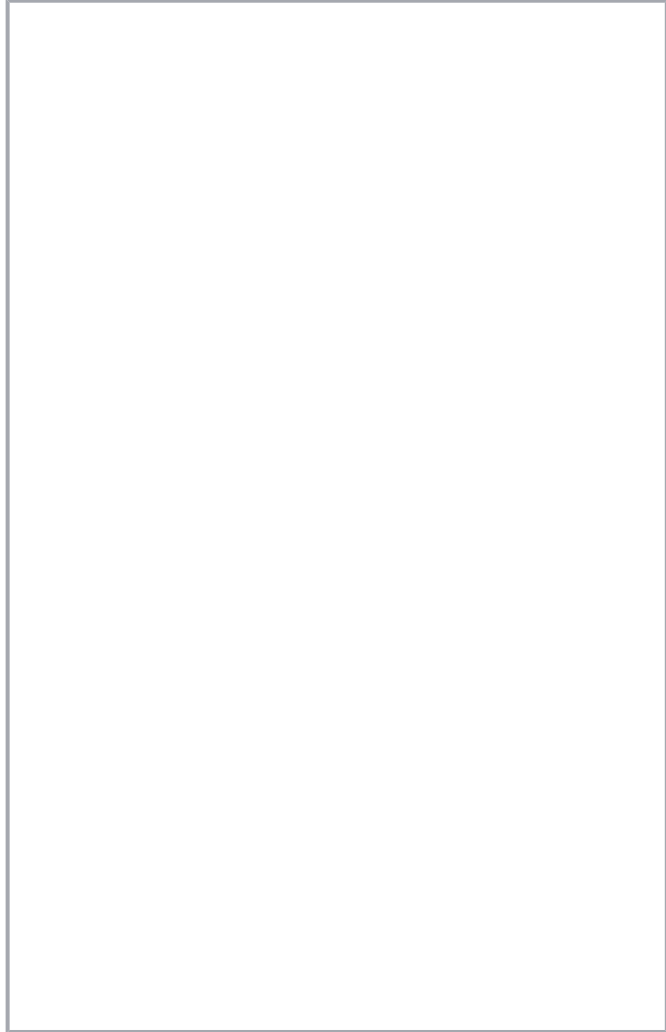


Data sheet | Item number: 294-8024

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 mm²; Surrounding air temperature: max 85°C (T85); 2,50 mm²; white



www.wago.com/294-8024



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

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

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- - Strain relief plate can be retrofitted

Data

Electrical data

Ratings per IEC/EN

Ratings	Connection points
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) \triangleq 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	4
Number of connection types	4

Connection 1

Connection type 1	External 1
Connection technology	Push-in CAGE CLAMP [®]
Number of connection points	2

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



Actuation type	Push-button
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 insulated ferrule	0.5 ... 1.5 mm ² / 18 ... 16 AWG
Fine-stranded conductor; with uninsulated ferrule	0.5 ... 1.5 mm ² / 18 ... 16 AWG
Fine-stranded conductor; with ferrule; push-in termination	0.5 mm ² / 18 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches
Pole number	4

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 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 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 mm ² / 18 ... 16 AWG
Fine-stranded conductor; with insulated ferrule 3	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 inches

Connection 4

Connection type 4	Internal 4
Connection technology 4	PUSH WIRE®
Number of connection points 4	1
Actuation type 4	Push-in

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



Solid conductor 4	0.5 ... 0.75 mm ² / 18 AWG
Strip length 4	8 ... 9 mm / 0.31 ... 0.35 inches

Physical data

Pin spacing	10 mm / 0.394 inches
Width	40 mm / 1.575 inches
Height	22.4 mm / 0.882 inches
Height from the surface	17 mm / 0.669 inches
Depth	27.3 mm / 1.075 inches

Mechanical Data

Technology	Linect
Marking	1/L' 2/L \perp N

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	0.265 MJ
Weight	13 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

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



ETIM 8.0	EC001284
ETIM 7.0	EC001284
PU (SPU)	500 pcs
Packaging type	Foil
Country of origin	CH
GTIN	4050821098775
Customs tariff number	85369010000

Environmental Product Compliance

CAS-No.	131651-65-5 144317-44-2 220133-51-7 220689-12-3 25628-08-4 29420-49-3 375-73-5 503155-89-3 507453-86-3 68259-10-9
REACH Candidate List Substance	Perfluorobutane sulfonic acid (PFBS) and its salts
RoHS Compliance Status	Compliant, With Exemption
RoHS Exemption	6(c) 7(a) 7(c)-I 7(c)-II
SCIP notification number (Austria)	9c9d039e-120d-4315-8620-7c96daa1a625
SCIP notification number (Belgium)	76027357-0e5c-41a1-8492-78c427e9ed95
SCIP notification number (Bulgaria)	a3512d84-478e-4da0-9546-5fee654cb635
SCIP notification number (Czech Republic)	9591fc4a-45dc-456c-8b94-dd4ed3420451
SCIP notification number (Denmark)	627dbe3a-1cee-4c62-8ca9-43bd238f41c6
SCIP notification number (Finland)	807f251f-0c4a-45e5-a6c9-0a19c65421c7
SCIP notification number (France)	58537f01-5a89-4e0f-b52c-ca85a8326311
SCIP notification number (Germany)	1d796966-fdf0-4af6-adf0-c2cfa5fc88b0
SCIP notification number (Hungary)	c5c85392-a1ac-4096-b7d0-e3a81c18a0b2
SCIP notification number (Italy)	c31fb873-8707-40e0-a749-76ab82e3f750
SCIP notification number (Netherlands)	f50fa799-8f99-4bb1-b932-dc51e233e66d
SCIP notification number (Poland)	400a1353-1dfd-416c-a52c-dd3fb7a34058
SCIP notification number (Romania)	e36819fd-d2de-4f01-ae02-0a61e5f76fd2
SCIP notification number (Sweden)	f2a03527-6b95-4771-b2df-d42630c8be6a

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Other

Technology

Linect

Approvals / Certificates

General 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

Declarations of conformity and manufacturer's declarations

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

Counterpart

Item no.770-6224

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

www.wago.com/770-6224

Downloads

Documentation

Additional Information

2019 年4月3日

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CAD/CAE-Data

CAD data

2D/3D Models 294-8024

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CAE data

WSCAD Universe 294-8024

URL

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Installation Notes

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