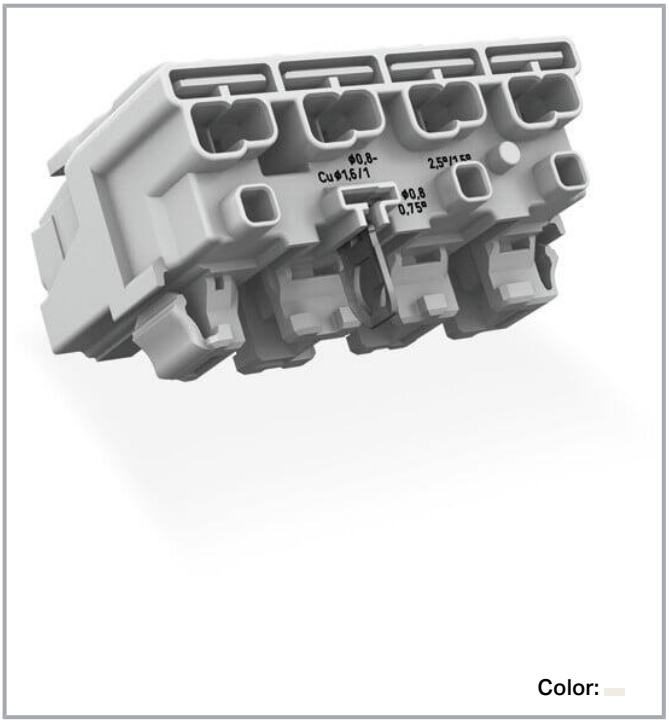
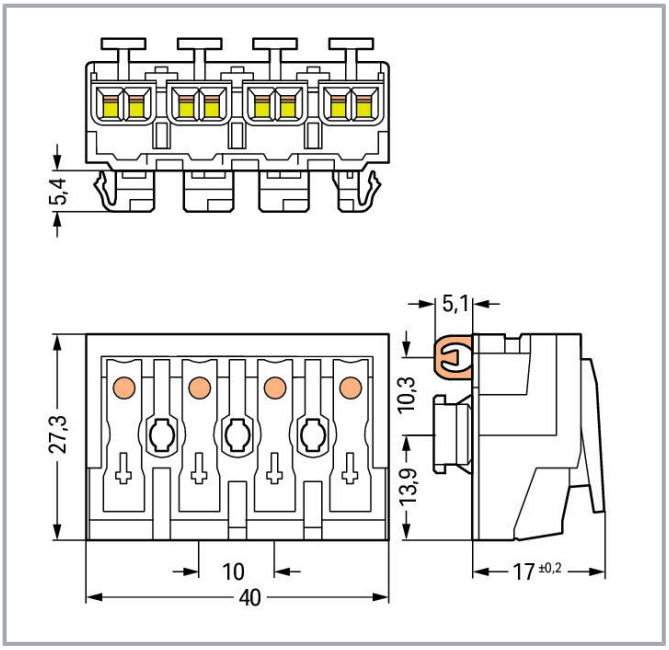
Data sheet | Item number: 294-8124

Lighting connector; push-button, external; for Linect®; with direct 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/294-8124



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

Ratings	Connection points
Ratings per	IEC/EN 60998-1
Nominal voltage (II/2)	500 V
Rated surge voltage (II/2)	4 kV

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

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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	4
Number of connection types	4
PE function	Direct 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
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	4

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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	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

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Mechanical data

Technology	Linect
Marking	1/L' 2/L ⏚ 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	13.2 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	Foil
Country of origin	CH
GTIN	4050821098812
Customs tariff number	85369010000

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Environmental Product Compliance

REACH Candidate List Substance	Perfluorobutane sulfonic acid (PFBS) and its salts
RoHS Compliance Status	Compliant,No Exemption
SCIP notification number (Austria)	2af2cbfd-6bd2-4a03-a9e4-d097b469c0c6
SCIP notification number (Belgium)	e82e37a6-f40a-4eeb-9ce7-194d73f9e7b7
SCIP notification number (Bulgaria)	724f1491-14d7-47f3-a764-73ec53545390
SCIP notification number (Czech Republic)	1761078d-c669-47e2-ad08-b030c7591a55
SCIP notification number (Denmark)	65bffc27-fc66-4a3d-bdd5-64b2b5c5cc0c
SCIP notification number (Finland)	b2e57ffb-50b0-42d7-a720-536ca1267594
SCIP notification number (France)	c6c6dd05-9682-4b66-8277-d8b0219461f6
SCIP notification number (Germany)	9e4f0605-28c4-4371-ad7e-a9afada12be3
SCIP notification number (Hungary)	ae1ab91d-a7c2-4b42-a3d4-a3642a94f16d
SCIP notification number (Italy)	7b544ce3-6a6e-4b77-8d79-36c8b75c6059
SCIP notification number (Netherlands)	226946cb-8778-4636-b0bc-270870c39775
SCIP notification number (Poland)	aadf89c8-a7f9-4cb4-9ba2-ef9513945250
SCIP notification number (Romania)	9ac8d693-a66c-4c97-9bb5-a2842f7573f0
SCIP notification number (Sweden)	22c3a212-dfb0-40d5-8e53-71dea132ef99

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	-	-

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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

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

CAD/CAE-Data

CAD data

2D/3D Models 294-8124	URL	Download

CAE data

WSCAD Universe 294-8124	URL	Download
ZUKEN Portal 294-8124	URL	Download

Asset Administration Shell

Asset Administration Shell 294-8124	URL	Download

Environmental Product Compliance

Compliance Search

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Installation Notes

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