

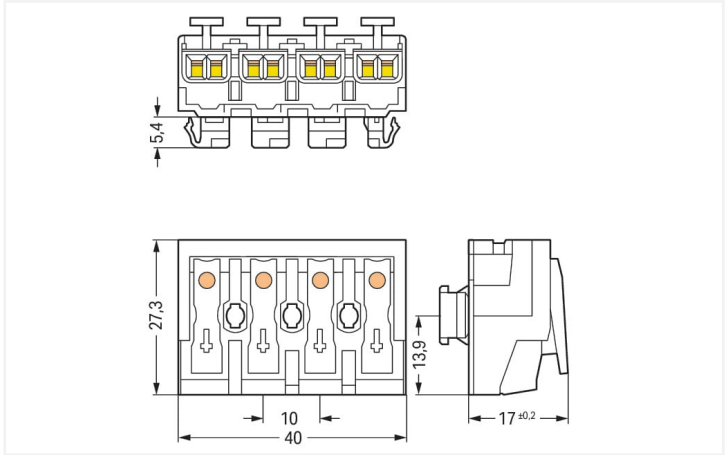
Data Sheet | Item Number: 294-8024

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

<https://www.wago.com/294-8024>



Color: white



Dimensions in mm

- 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

Electrical data

Ratings	Connection points		
Ratings per	IEC/EN 60998-1	IEC/EN 60998-1	IEC/EN 60998-1
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	-	-	500 V
Rated surge voltage	-	-	4 kV
Rated current	-	-	24 A

Ratings	Connection points		
Ratings per	IEC/EN 60998-2-2	IEC/EN 60998-2-2	IEC/EN 60998-2-2
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	-	-	500 V
Rated surge voltage	-	-	4 kV
Rated current	-	-	24 A

Ratings	Linect® plug-in connection		
Ratings per	IEC/EN 61984	IEC/EN 61984	IEC/EN 61984
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	-	-	500 V
Rated surge voltage	-	-	4 kV
Rated current	-	-	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
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

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



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 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
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



Environmental Product Compliance	
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

Approvals / Certificates		
General approvals		Declarations of conformity and manufacturer's declarations
 		
Approval	Standard	Certificate Name
ENEC 05 DEKRA Certification B.V.	EN 60998	2128791.01
VDE VDE Prüf- und Zertifizie- rungsinstitut	EN 61535	40029808
		EU-Declaration of Confor- mity WAGO GmbH & Co. KG
		UK-Declaration of Confor- mity WAGO GmbH & Co. KG

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 294-8024	

Documentation	
Additional Information	
Technical Section	pdf 03.04.2019 2010.85 KB 

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 294-8024 	WSCAD Universe 294-8024 
	ZUKEN Portal 294-8024 