

Data Sheet | Item Number: 294-8015

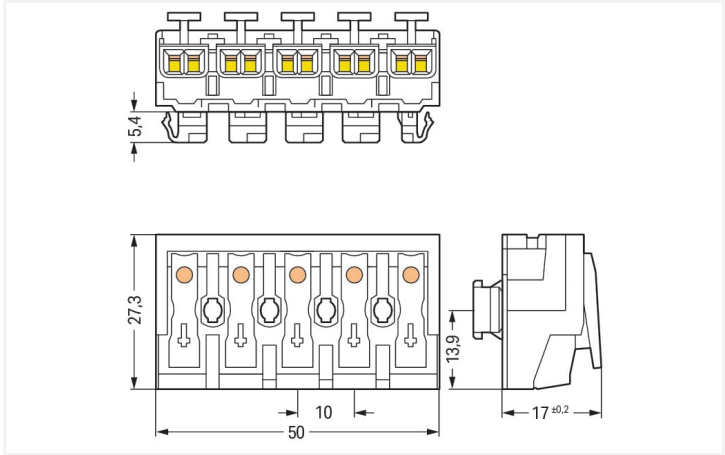
Lighting connector; push-button, external; for Linect®; without ground contact; L3-L2-L1-PE-N; 5-pole; Cod. A; Lighting side: for solid conductors; Inst. side: for all conductor types; max. 2.5 mm²; Surrounding air temperature: max 85°C (T85); 2,50 mm²; white

<https://www.wago.com/294-8015>



Color: ■ white

Similar to illustration



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	5
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	5

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	50 mm / 1.969 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	L3 L2 L1 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	0.33 MJ
Weight	16.2 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
PU (SPU)	250 pcs
Packaging type	Foil
Country of origin	CH
GTIN	4050821489245
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)	db0c3b78-c74b-4f52-92c5-ddc52f54d464
SCIP notification number (Belgium)	2743428a-fc15-4811-862a-e34461b3eda1
SCIP notification number (Bulgaria)	e02b1361-af30-427e-b47b-7530d0ca0401
SCIP notification number (Czech Republic)	9333cba9-1520-4673-b79b-e75496766cc7
SCIP notification number (Denmark)	7c916be5-6334-4aef-a107-70e5ec640189
SCIP notification number (Finland)	1bdef2ec-0f58-4b28-9107-df7ebe32b754
SCIP notification number (France)	a149d309-8b4d-4a3d-961f-0277fbab19e4



Environmental Product Compliance	
SCIP notification number (Germany)	2b5b420f-6124-44dd-9061-80a71f895cb0
SCIP notification number (Hungary)	75ea64da-da64-43c5-9937-3c235b74a7d7
SCIP notification number (Italy)	c853151f-1ca7-4664-ac58-0dd1c742409d
SCIP notification number (Netherlands)	1e30027b-1af8-4def-9706-8bfd965c961d
SCIP notification number (Poland)	b4e64367-7938-4960-9f19-5748d5e36462
SCIP notification number (Romania)	7b6841d9-64ae-4a75-a7ae-db8d363ecca8
SCIP notification number (Sweden)	8dea03a3-3737-447e-ac38-b24dc786d87d

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 Zertifizierungsinstitut	EN 61535		40029808

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 294-8015	

Documentation	
Additional Information	
Technical Section	pdf 03.04.2019 2010.85 KB 

CAD/CAE-Data	
CAE data	
WSCAD Universe 294-8015	