

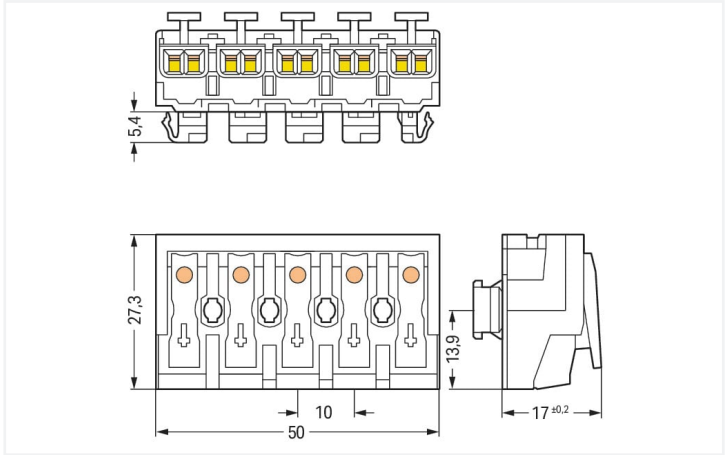
Data Sheet | Item Number: 294-8025

Lighting connector; push-button, external; for Linect®; without ground contact; L´ - N´ -L-PE-N; 5-pole; Cod. L; 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/294-8025>



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	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	L' N' 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	0.332 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	4050821098782
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)	0a3a075a-f8f9-425d-8082-5b5cd5772761
SCIP notification number (Belgium)	a1414802-5251-4ce8-8d8d-a41e6fe8e4d0
SCIP notification number (Bulgaria)	20962937-ba7f-4a7c-bb63-84436fc758bb
SCIP notification number (Czech Republic)	2d62f2e8-17f7-455e-958a-ad78f7e4df34
SCIP notification number (Denmark)	0c088239-9bba-4ad3-a583-2d3c40128a76
SCIP notification number (Finland)	88b5d297-35ff-4a90-95b9-358ca5a7c5e8
SCIP notification number (France)	590f3773-6b5d-42c0-b247-de2bd52c9ce3



Environmental Product Compliance	
SCIP notification number (Germany)	532daae4-c1a8-442a-bc5f-6d8cc174b41d
SCIP notification number (Hungary)	78d835d1-59af-4f05-82c3-7a785b340167
SCIP notification number (Italy)	5490b21f-bd40-4a00-840b-9ba6d508946d
SCIP notification number (Netherlands)	42aff35c-84d6-41fc-8c81-b839610e6e2b
SCIP notification number (Poland)	3ae863ba-18e4-4ba5-9e65-c825635e96ce
SCIP notification number (Romania)	0b3885e0-39d7-49e9-ab35-50e098dabd4c
SCIP notification number (Sweden)	fe3c8d54-bdc5-4228-ba2f-164fe6d28e0d

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 294-8025	

Documentation			
Additional Information			
Technical Section	03.04.2019	pdf 2010.85 KB	

CAD/CAE-Data					
CAD data	CAE data				
2D/3D Models 294-8025	<table><tr><td>WSCAD Universe 294-8025</td><td></td></tr><tr><td>ZUKEN Portal 294-8025</td><td></td></tr></table>	WSCAD Universe 294-8025		ZUKEN Portal 294-8025	
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