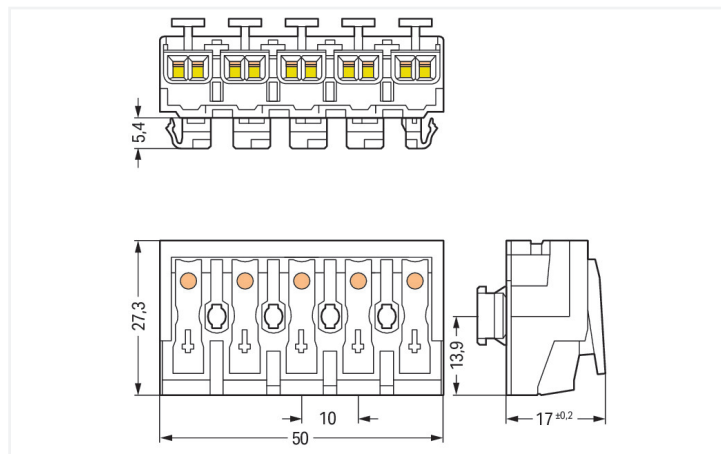


## Data Sheet | Item Number: 294-8015

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 mm<sup>2</sup>; Surrounding air temperature: max 85°C (T85); white

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



Color: ■ white

Similar to illustration

Dimensions in mm

Field-wiring terminal block with linect<sup>®</sup>, 294 Series, Push-in CAGE CLAMP<sup>®</sup>

Seamless electrical installations are guaranteed with field-wiring terminal block with linect<sup>®</sup> (item number 294-8015). Conductors should only be connected to field-wiring terminal block with linect<sup>®</sup> if their strip length is between 8 and 9 mm. This product incorporates four conductor terminals and utilizes Push-in CAGE CLAMP<sup>®</sup> and PUSH WIRE<sup>®</sup>. Our Push-in CAGE CLAMP<sup>®</sup> is a universal, maintenance-free connection solution for all conductor types, boasting a key feature: both solid and fine-stranded conductors with ferrules can be directly inserted without the need for tools or any preparation, such as crimping the ferrule. Our proven PUSH WIRE<sup>®</sup> connection offers the fastest method for clamping conductors. It utilizes the conductor's stiffness to overcome the clamping spring's contact force. The item's dimensions are (50 x 22.4 x 27.3) mm (width x height x depth). Field-wiring terminal block with linect<sup>®</sup> is suitable for conductor cross sections ranging from 0.5 mm<sup>2</sup> to 2.5 mm<sup>2</sup> on one side and for conductor cross sections ranging from 0.5 mm<sup>2</sup> to 2.5 mm<sup>2</sup> on the other side as well as conductor cross sections from 0.5 mm<sup>2</sup> to 2.5 mm<sup>2</sup> and from 0.5 mm<sup>2</sup> to 0.75 mm<sup>2</sup> depending on the conductor type.

Tin is used for coating the contact surfaces.

### Electrical data

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

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

Ratings	Linect <sup>®</sup> 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 impulse withstand voltage	-	-	4 kV

Ratings	Linect <sup>®</sup> plug-in connection		
Rated current	-	-	16 A

## Connection Data

Total number of potentials	5
Number of connection types	4

### Connection 1

Connection type	External 1
Connection technology	Push-in CAGE CLAMP®
Number of connection points	2
Actuation type	Push-button
Solid conductor	0.5 ... 2.5 mm <sup>2</sup> / 18 ... 12 AWG
Solid conductor; push-in termination	0.5 ... 2.5 mm <sup>2</sup> / 18 ... 12 AWG
Stranded conductor	0.5 ... 2.5 mm <sup>2</sup> / 18 ... 14 AWG
Fine-stranded conductor	0.5 ... 2.5 mm <sup>2</sup> / 18 ... 14 AWG
Fine-stranded conductor; with insulated ferrule	0.5 ... 1.5 mm <sup>2</sup> / 18 ... 16 AWG
Fine-stranded conductor; with uninsulated ferrule	0.5 ... 1.5 mm <sup>2</sup> / 18 ... 16 AWG
Fine-stranded conductor; with ferrule; push-in termination	0.5 mm <sup>2</sup> / 18 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches
Pole number	5

### Connection 2

Connection type	Internal 2
Connection technology	PUSH WIRE®
Number of connection points	1
Actuation type	Push-in
Solid conductor	0.5 ... 2.5 mm <sup>2</sup> / 18 ... 14 AWG
Fine-stranded conductor; with insulated ferrule	0.5 ... 1 mm <sup>2</sup> / 18 ... 14 AWG
Fine-stranded conductor; with uninsulated ferrule	0.5 ... 1.5 mm <sup>2</sup> / 18 ... 16 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches

### Connection 3

Connection type	Internal 3
Connection technology	PUSH WIRE®
Number of connection points	1
Actuation type	Push-in
Solid conductor	0.5 ... 1.5 mm <sup>2</sup> / 18 ... 16 AWG
Fine-stranded conductor; with insulated ferrule	0.5 ... 0.75 mm <sup>2</sup> / 18 AWG
Fine-stranded conductor; with uninsulated ferrule	0.5 ... 1 mm <sup>2</sup> / 18 ... 14 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches

### Connection 4

Connection type	Internal 4
Connection technology	PUSH WIRE®
Number of connection points	1
Actuation type	Push-in
Solid conductor	0.5 ... 0.75 mm <sup>2</sup> / 18 AWG
Strip length	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)	<a href="#">Information on material specifications can be found here</a>
Color	white
Material group	IIIa
Insulation material (main housing)	Polycarbonate (PC)
Flammability class per UL94	V0
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (E <sub>cu</sub> )
Contact Plating	Tin
Fire load	0.33 MJ
Weight	16.1 g

### Environmental requirements

Temperature stability	120 °C
T marking	T85

### Commercial data

Product Group	8 (Misc. Chassis Mount Blocks)
PU (SPU)	250 pcs
Packaging type	Foil
Country of origin	CH
GTIN	4050821489245
Customs tariff number	85369010000

### Product Classification

UNSPSC	39121409
eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 9.0	EC001284
ETIM 10.0	EC001284
ECCN	NO US CLASSIFICATION

### Environmental Product Compliance

REACH Candidate List Substance	Perfluorobutane sulfonic acid (PFBS) and its salts
RoHS Compliance Status	Compliant, No Exemption
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
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-d8bd363ecca8

**Environmental Product Compliance**

SCIP notification number (Sweden) 8dea03a3-3737-447e-ac38-b24dc786d87d

**Approvals / Certificates**

**General approvals**



Approval	Standard	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**

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

**Downloads**

**Environmental Product Compliance**

Compliance Search	
Environmental Product Compliance 294-8015	<a href="#">↓</a>

**Documentation**

Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	<a href="#">↓</a>

**CAD/CAE-Data**

CAE data	
WSCAD Universe 294-8015	<a href="#">↓</a>