

## Data Sheet | Item Number: 294-8235

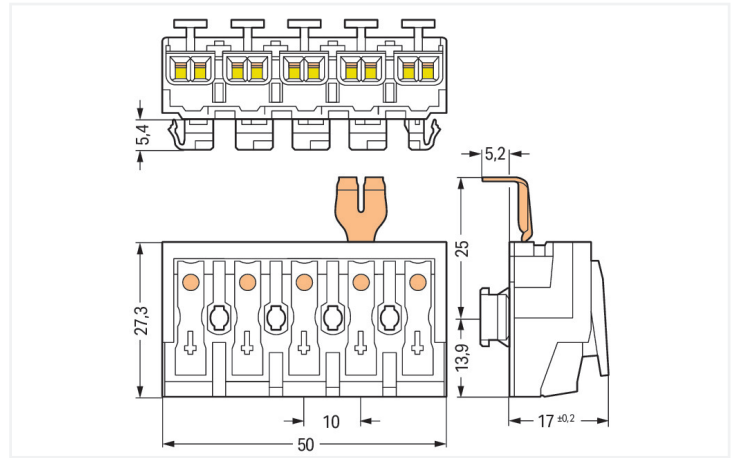
Lighting connector; push-button, external; for Linect®; with snap-in ground contact; DA+ DA- L PE N; 5-pole; Cod. I; Lighting side: for solid conductors; Inst. side: for all conductor types; max. 2.5 mm<sup>2</sup>; Surrounding air temperature: max 85°C (T85); white



<https://www.wago.com/294-8235>



Color: ■ white



Dimensions in mm

Field-wiring terminal block with linect<sup>®</sup>, 294 Series, push-button

Easy electrical installations are guaranteed with field-wiring terminal block with linect<sup>®</sup> (item number 294-8235). Conductors can 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: It allows direct insertion of both solid and fine-stranded conductors with ferrules without needing tools. No preparation is required; for example, crimping the conductor's ferrule is not necessary. Our PUSH WIRE<sup>®</sup> connection uses the stiffness of the conductor to overcome the clamping spring's contact force, allowing faster and easier conductor clamping. The item's dimensions are (50 x 22.4 x 27.3) mm (width x height x depth). Depending on the conductor type, field-wiring terminal block with linect<sup>®</sup> is ideal 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 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 1.5 mm<sup>2</sup> and from 0.5 mm<sup>2</sup> to 0.75 mm<sup>2</sup>.

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
Rated current	-	-	16 A

## Connection Data

Total number of potentials	5
Number of connection types	4
PE function	Snap-in PE contact

### 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	DA+ DA- L ⊕ 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	0.332 MJ
Weight	17.2 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	Bag
Country of origin	PL
GTIN	4050821098874
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)	a943fb5f-14ac-4d1b-999a-5ad6f90d323d
SCIP notification number (Belgium)	31d1e781-16ed-4b99-8a4b-b3c4b16dcde8
SCIP notification number (Bulgaria)	adb6151d-989c-40c2-977e-8cf5413a9e1e
SCIP notification number (Czech Republic)	5eade98d-9242-4e5a-b2c4-0eaa5e13f056
SCIP notification number (Denmark)	bf0add4a-a9bb-42ee-aa2c-aa7d845c5592
SCIP notification number (Finland)	8ffa09a6-221b-4709-a47c-d4c243797d7a
SCIP notification number (France)	decdb130c-32d8-4c1d-aff3-bf9dc65ed50a
SCIP notification number (Germany)	3b8dd1cb-15e1-4cc1-8ea4-659bea689df7
SCIP notification number (Hungary)	e9b1ea3a-d344-47d5-9c4b-a0514c1eba53
SCIP notification number (Italy)	d2aa0324-b033-4ae8-ac97-70abb681a355
SCIP notification number (Netherlands)	f23cef73-3d29-4c5b-88e2-9763c921cc8d
SCIP notification number (Poland)	2086da8f-a21c-4cc4-a46d-3ea7329fa2bd
SCIP notification number (Romania)	3fad601-7a0e-4219-9af9-cb462a958fa3

**Environmental Product Compliance**

SCIP notification number (Sweden)

d9a5e010-c142-4e79-8344-df65731c871b

**Approvals / Certificates**

General approvals			Declarations of conformity and manufacturer's declarations		
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
ENEC 05 DEKRA Certification B.V.	EN 60998	2128791.01	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 294-8235	↓

**Documentation**

**Additional Information**

Technical Section	03.04.2019	pdf 2027.26 KB	↓
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**CAD/CAE-Data**

CAD data		CAE data	
2D/3D Models 294-8235	↓	WSCAD Universe 294-8235	↓
		ZUKEN Portal 294-8235	↓