

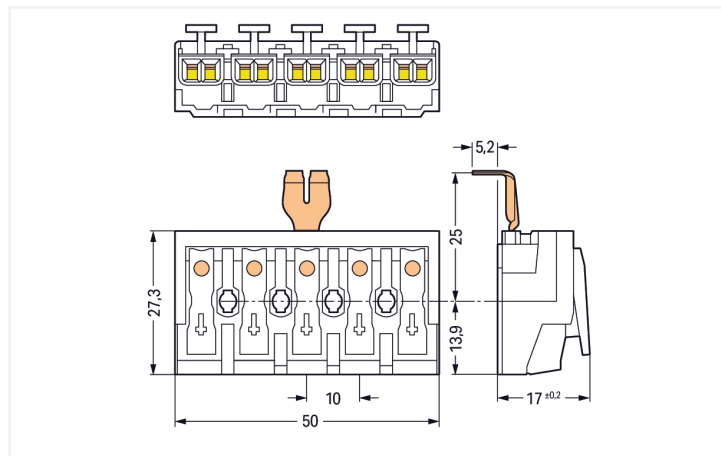
## Data Sheet | Item Number: 294-4235

Lighting connector; push-button, external; with snap-in ground contact; DA+ DA- L PE N; 5-pole; 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/294-4235>



Color: ■ white



Dimensions in mm

Field-wiring terminal block, 294 Series, with 10 mm pin spacing

Our field-wiring terminal block (item number 294-4235) is the ideal way to connect conductors quickly and easily. Ensure that the strip lengths are between 8 and 9 mm when connecting conductors to this field-wiring terminal block. This product features four conductor terminals and utilizes Push-in CAGE CLAMP® as well as PUSH WIRE®. Push-in CAGE CLAMP® technology provides a universal connection solution for any type of conductor. It allows both solid and fine-stranded conductors with ferrules to be inserted directly into the clamping point without the need for tools. Our proven PUSH WIRE® connection offers the fastest method for clamping conductors. It utilizes the conductor's stiffness to overcome the clamping spring's contact force. The dimensions are (50 x 17 x 27.3) mm (width x height x depth). Depending on the conductor type, this field-wiring terminal block 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 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>.

The contact surface is coated with tin.

### Electrical data

Ratings per	IEC/EN 60998-1		
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 per IEC/EN – Notes

Ratings (note)                      Connection points

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

### General information

Wiring direction                      Side-entry wiring

## Connection Data

Clamping units	25
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
Connectable conductor materials	Copper
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
Wiring direction	Side-entry wiring

## 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 ... 16 AWG
Fine-stranded conductor; with uninsulated ferrule	0.5 ... 1.5 mm <sup>2</sup> / 18 ... 14 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 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	17 mm / 0.669 inches
Depth	27.3 mm / 1.075 inches

### Mechanical data

Marking	DA+ DA- L ⊕ N
Mounting type	without snap-in mounting feet

### 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	0.229 MJ
Halogen-free	Yes
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	Bag
Country of origin	PL
GTIN	4050821097907
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

RoHS Compliance Status	Compliant, No Exemption
SCIP notification number (Austria)	42bfa6b2-6913-4f72-be98-b97e0b920eea
SCIP notification number (Belgium)	78eff8cd-6d4c-4826-8846-c48e7a442307
SCIP notification number (Bulgaria)	7deed03f-8e0a-4358-bb83-6fd6cf581f17
SCIP notification number (Czech Republic)	b5d5c5f4-cf3b-4a35-9a7c-938bb53b1ae8
SCIP notification number (Denmark)	d13a98d9-b41a-41ed-980c-0167383ef2b8
SCIP notification number (Finland)	072ac21b-1a47-414d-9eca-5d96833a0180
SCIP notification number (France)	2ed04014-3f2c-4b26-943a-b21b0be82e18
SCIP notification number (Germany)	5f1ae9a5-8470-4ba4-92aa-4a3a89d94de1
SCIP notification number (Hungary)	fd76c449-e8c6-4f8a-8907-9d1913054fea
SCIP notification number (Italy)	f944028b-989b-417f-9bad-d58d5f9680e9
SCIP notification number (Netherlands)	2f09ab29-28ab-42b8-aaba-a32c73195e2f
SCIP notification number (Poland)	2bef43c7-d390-4168-9342-f3134ebc45c4
SCIP notification number (Romania)	1126fa3e-70df-4f08-8255-dc2d66eec525

Environmental Product Compliance	
SCIP notification number (Sweden)	32f1d023-0930-471a-ab61-7a7cad4a6112

### 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 294-4235	↓

### Documentation

Bid Text			
294-4235	19.02.2019	xml 5.59 KB	↓
294-4235	13.06.2017	doc 28.50 KB	↓

### CAD/CAE-Data

CAD data		CAE data	
2D/3D Models 294-4235	↓	WSCAD Universe 294-4235	↓
		ZUKEN Portal 294-4235	↓



### Conductor termination



Terminating five conductors per pole – solid and fine-stranded.

