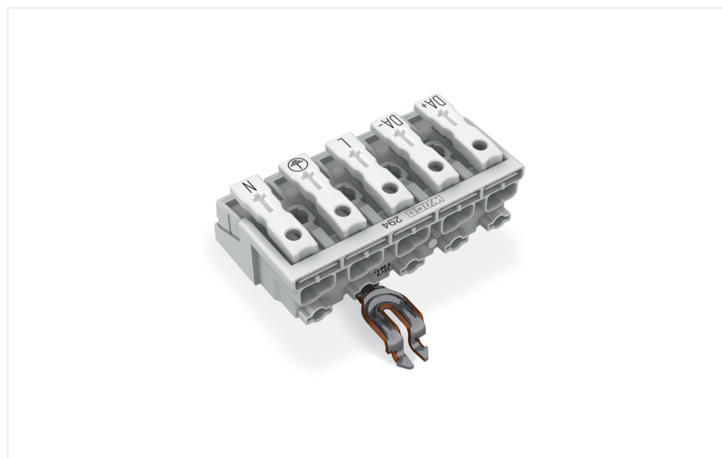


## Data Sheet | Item Number: 294-4335

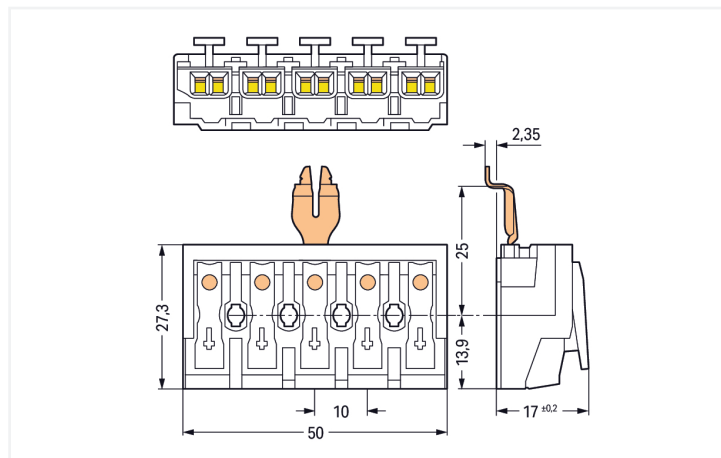
Lighting connector; push-button, external; with angled snap-in ground contact; DA+ DA- L PE N; 5-pole; Lighting side: for solid conductors; Inst. side: for all conductor types; max. 2.5 mm<sup>2</sup>; Surrounding air temperature: max 85°C (T85); white



<https://www.wago.com/294-4335>



Color: ■ white



Dimensions in mm

### Field-wiring terminal block, 294 Series, Push-in CAGE CLAMP®

This field-wiring terminal block (item number 294-4335) is designed for simple and secure connections. 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® and PUSH WIRE®. Push-in CAGE CLAMP® connection technology is ideal for connecting all conductor types. Both solid and fine-stranded conductors with ferrules can be inserted without needing to use any tools—all thanks to its pluggable design. Our PUSH WIRE® connection is the simple and reliable method for connecting solid conductors. 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 designed 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	Angled 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	Illa
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	0.301 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	4050821098003
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)	639479a7-57ac-44bf-a578-e9545e263b9d
SCIP notification number (Belgium)	6965d778-4634-4d64-bfe1-080eec165c57
SCIP notification number (Bulgaria)	b9a9f267-61d6-46e7-866c-d9f43570c6a9
SCIP notification number (Czech Republic)	f5ee390b-93df-4f67-bd69-f4890dd05758
SCIP notification number (Denmark)	ddb054eb-00c0-4ffc-b500-dad7f14d0b9f
SCIP notification number (Finland)	d5aba7b2-1a38-4718-b254-b2e035adf0fd
SCIP notification number (France)	b67ffe50-28bb-4745-8e0a-d6756e5b0339
SCIP notification number (Germany)	41f4c024-501e-4f3f-bcac-239243af8c1f
SCIP notification number (Hungary)	51f1f31e-f2d7-4aff-8510-5d11cff85d49
SCIP notification number (Italy)	a3d1d34b-f511-48b6-b2ce-1e03890ee065
SCIP notification number (Netherlands)	3a320f76-06e2-4f67-b894-72e7a93f0fe5
SCIP notification number (Poland)	fceb99b-b2fe-4720-b99b-1e1caac5c55d

**Environmental Product Compliance**

SCIP notification number (Romania)	9bbea164-5d2b-47a2-ab43-cb81a05336b7
SCIP notification number (Sweden)	aa517370-8f25-47c8-9005-e4210c03394e

**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

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

**Downloads**

**Environmental Product Compliance**

Compliance Search
Environmental Product Compliance 294-4335 <a href="#">↓</a>

**Documentation**

Bid Text			
294-4335	19.02.2019	xml 5.60 KB	<a href="#">↓</a>
294-4335	13.06.2017	doc 28.50 KB	<a href="#">↓</a>

**CAD/CAE-Data**

CAD data
2D/3D Models 294-4335 <a href="#">↓</a>

CAE data
WSCAD Universe 294-4335 <a href="#">↓</a>
ZUKEN Portal 294-4335 <a href="#">↓</a>



### Conductor termination



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

