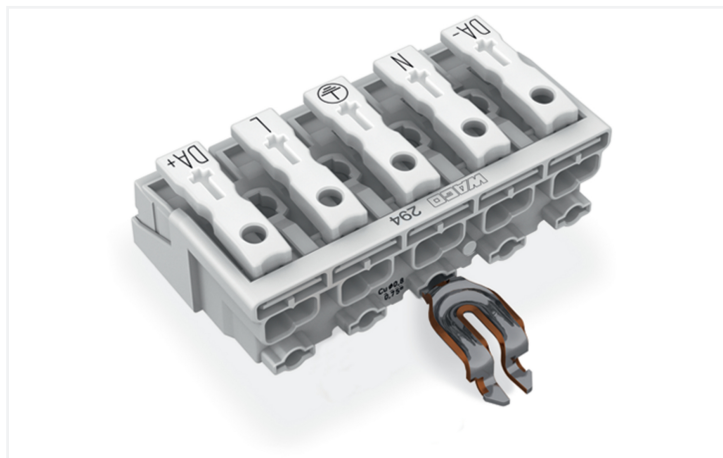


## Data Sheet | Item Number: 294-5275

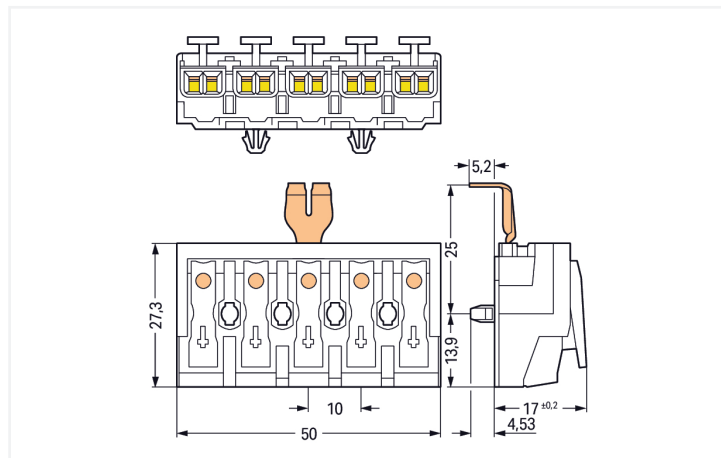
Lighting connector; push-button, external; with snap-in ground contact; 5-pole; Lighting side: for solid conductors; Inst. side: for all conductor types; max. 2.5 mm<sup>2</sup>; Surrounding air temperature: max 85°C (T85); white



<https://www.wago.com/294-5275>



Color: ■ white



Dimensions in mm

Field-wiring terminal block, 294 Series, white

Connect conductors quickly and securely with this field-wiring terminal block (item number 294-5275). Ensure that the strip lengths are between 8 and 9 mm when connecting conductors to this field-wiring terminal block. Featuring four conductor terminals along with Push-in CAGE CLAMP® as well as PUSH WIRE®, this connector outperforms the competition. Our Push-in CAGE CLAMP® 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® connection offers a simple and reliable solution for connecting solid conductors. The dimensions are (50 x 21.53 x 27.3) mm (width x height x depth). Depending on the type of conductor, 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	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	21.53 mm / 0.848 inches
Height from the surface	17 mm / 0.669 inches
Depth	27.3 mm / 1.075 inches

### Mechanical data

Marking	DA- N ⊕ L DA+
Mounting type	Snap-in foot

### 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	0.23 MJ
Halogen-free	Yes
Weight	16.3 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	4050821098478
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)	3b10d379-f8ef-4da9-8e74-969010d15e18
SCIP notification number (Belgium)	3a957a05-517b-4661-90cf-6fa187706a5b
SCIP notification number (Bulgaria)	f1d93763-8813-41f0-8cfb-2c3e44c04f93
SCIP notification number (Czech Republic)	e25d23c0-33da-475a-9d54-8b4d02d15725
SCIP notification number (Denmark)	5d0b66bf-8c23-45a8-b80d-c62c83c32d70
SCIP notification number (Finland)	522162f4-6513-4483-ab5a-71d9ecf77914
SCIP notification number (France)	26237033-fec9-4029-9ceb-159ea85ec5b0
SCIP notification number (Germany)	f96ff9bd-52dc-4f63-8f71-14f1b3862329
SCIP notification number (Hungary)	f4fa6224-91ff-4273-bbbc-9885ab34bc7e
SCIP notification number (Italy)	582b7a24-32d7-4a74-b539-e8862e91926e
SCIP notification number (Netherlands)	88262c88-c483-4523-8d50-a2e6b40e0c0e
SCIP notification number (Poland)	398231e3-6509-44dd-82bb-e93a280e891d
SCIP notification number (Romania)	45fa1dc9-62ef-4e77-a177-7d245c9041a6

**Environmental Product Compliance**

SCIP notification number (Sweden)	d450b5e8-3672-4efa-9bba-e976182d3fd5
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**Approvals / Certificates**

**General approvals**



Approval	Standard	Certificate Name
ENEC 05 DEKRA Certification B.V.	EN 60998	2128791.01

**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 294-5275 <a href="#">↓</a>

**Documentation**

Bid Text			
294-5275	13.06.2017	doc 28.50 KB	<a href="#">↓</a>
294-5275	19.02.2019	xml 5.59 KB	<a href="#">↓</a>

**CAD/CAE-Data**

CAD data
2D/3D Models 294-5275 <a href="#">↓</a>

CAE data
WSCAD Universe 294-5275 <a href="#">↓</a>
ZUKEN Portal 294-5275 <a href="#">↓</a>

## 1 Compatible Products

### 1.1 Optional Accessories

#### 1.1.1 Strain relief

##### 1.1.1.1 Strain relief



**Item No.: 294-370**

Strain relief; for 294 Series; with snap-in mounting feet; white

**Item No.: 294-375**

Strain relief; for 294 Series; without snap-in mounting feet; white

##### 1.1.1.2 Strain relief plate



**Item No.: 294-364**

Strain relief plate; for 294 Series; for multi-core cables; 3- to 5-pole; with secured clamp; white

**Item No.: 294-384**

Strain relief plate; for 294 Series; for single strands; 3- to 5-pole; with secured clamp; white

### 1.1.2 Tool

#### 1.1.2.2 Operating tool

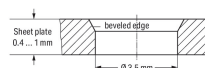
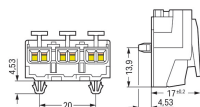
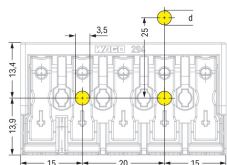


**Item No.: 206-294**

Disconnection tool; green

## Installation Notes

### Installation

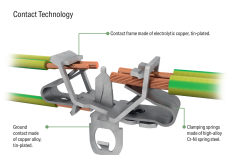


5-pole – with snap-in ground contact,  $d = 4.9$  mm

Snap-in foot

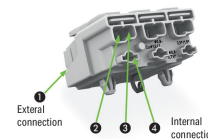
Drilled hole for snap-in mounting foot

## Conductor termination



EUROPE	
1 x 0.5 ... 2.5 mm <sup>2</sup> "S"	
1 x 0.5 ... 1.5 mm <sup>2</sup> "S"	
1 x 0.5 ... 0.75 mm <sup>2</sup> "S"	
AMERICA	
1 x AWG 18 ... 14 "S"	
1 x AWG 18 ... 16 "S"	
1 x AWG 18 "S"	
JAPAN	
1 x 0.8 ... 1.6 mm diam. "S"	
1 x 0.8 ... 1 mm diam. "S"	
1 x 0.8 mm diam. "S"	

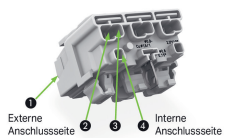
EUROPE	
2 x 0.5 ... 2.5 mm <sup>2</sup> "S, str, f-str"	
AMERICA	
2 x AWG 18 ... 12 "S"	
2 x AWG 18 ... 14 "S, f-str"	
JAPAN	
2 x 0.8 ... 2 mm diam. "S"	
2 x 0.5 ... 2 mm <sup>2</sup> str, f-str"	



**Internal connection:**  
PUSH WIRE® for internal wiring with solid conductors

**External connection:**  
Push-in CAGE CLAMP® for field-wiring with all conductor types

### Conductor termination



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

