

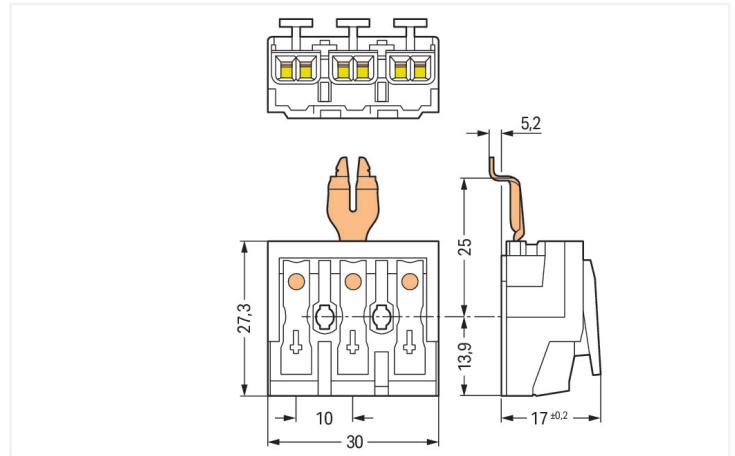
## Data Sheet | Item Number: 294-4353

Lighting connector; push-button, external; with angled snap-in ground contact; 3-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/294-4353>



Color: ■ white



Dimensions in mm

### Field-wiring terminal block, 294 Series, Push-in

This field-wiring terminal block (item number 294-4353) is designed for simple and secure connections. Conductors should only be connected to this field-wiring terminal block if their strip length is between 8 and 9 mm. Featuring four conductor terminals along with Push-in CAGE CLAMP® as well as PUSH WIRE®, this connector is highly versatile. 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 the need for tools—all thanks to its pluggable design. Our PUSH WIRE® 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 (30 x 17 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>.

Tin is used for coating the contact surfaces.

#### 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	15
Total number of potentials	3
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	3

### 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	30 mm / 1.181 inches
Height	17 mm / 0.669 inches
Depth	27.3 mm / 1.075 inches

### Mechanical data

Marking	1-⊕-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	0.182 MJ
Halogen-free	Yes
Weight	10.1 g

### Environmental requirements

Temperature stability	120 °C
T marking	T85

### Commercial data

Product Group	8 (Misc. Chassis Mount Blocks)
PU (SPU)	500 pcs
Packaging type	Bag
Country of origin	PL
GTIN	4050821098010
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)	819e2afc-4be3-4da3-bd5e-edd2f4f4fbf0
SCIP notification number (Belgium)	dd3fe5a2-219c-432f-be33-dde346d90137
SCIP notification number (Bulgaria)	7e94845b-f31f-4be0-baa4-6356f344b6d6
SCIP notification number (Czech Republic)	a30eb10b-a52d-43a0-b659-8963620a8eb2
SCIP notification number (Denmark)	8a9a05d7-6684-4ad6-ae6a-4e1f6e27bc9c
SCIP notification number (Finland)	aa521841-cdaf-48c4-a8ec-c4e99ca8d193
SCIP notification number (France)	4a35b95b-d460-46f2-8361-e96da2667512
SCIP notification number (Germany)	98ba7a2c-cfc1-49fd-8380-89d0aa3c8ad3
SCIP notification number (Hungary)	b877cb26-8b22-4e2d-ac2a-32c92fd9adf2
SCIP notification number (Italy)	f584a369-4f06-401e-bf2a-51071e731029
SCIP notification number (Netherlands)	f1cbb693-ec67-4b09-9159-0aa525942e7b
SCIP notification number (Poland)	f71050ae-c86f-488a-968c-8c545cee2a9e

**Environmental Product Compliance**

SCIP notification number (Romania)	d1e165d6-ecb0-49bf-90fa-9acffc005a60
SCIP notification number (Sweden)	52d070b2-552e-4ce2-a86c-798948efecbd

**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 Conformity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

**Downloads**

**Environmental Product Compliance**

Compliance Search
Environmental Product Compliance 294-4353 <a href="#">↓</a>

**Documentation**

Bid Text			
294-4353	19.02.2019	xml 5.59 KB	<a href="#">↓</a>
294-4353	13.06.2017	doc 28.00 KB	<a href="#">↓</a>

**CAD/CAE-Data**

CAD data
2D/3D Models 294-4353 <a href="#">↓</a>

CAE data
WSCAD Universe 294-4353 <a href="#">↓</a>
ZUKEN Portal 294-4353 <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

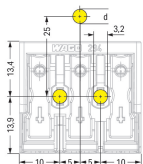


**Item No.: 206-294**

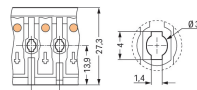
Disconnection tool; green

## Installation Notes

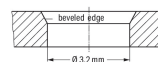
### Installation



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

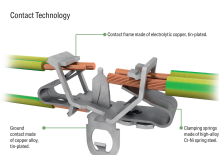


Mounting hole for screw  
**Notice:** The maximum thread diameter for self-tapping screws is 3 mm.



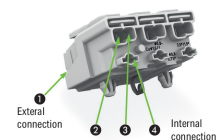
Hole for screw mount  
**Notice:** The maximum thread diameter for self-tapping screws is 3 mm.

## 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

