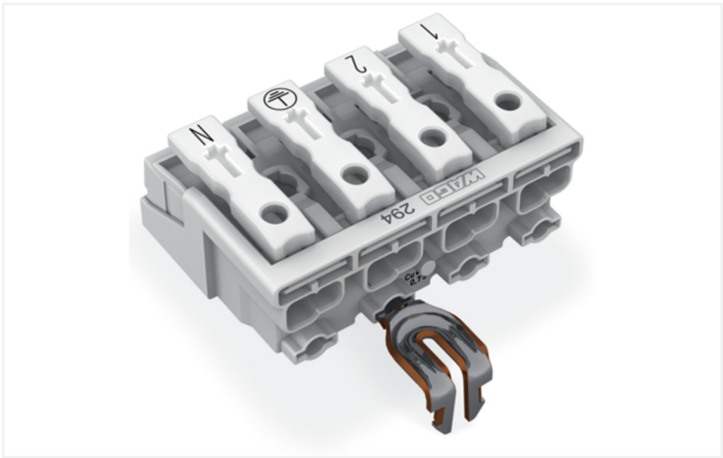


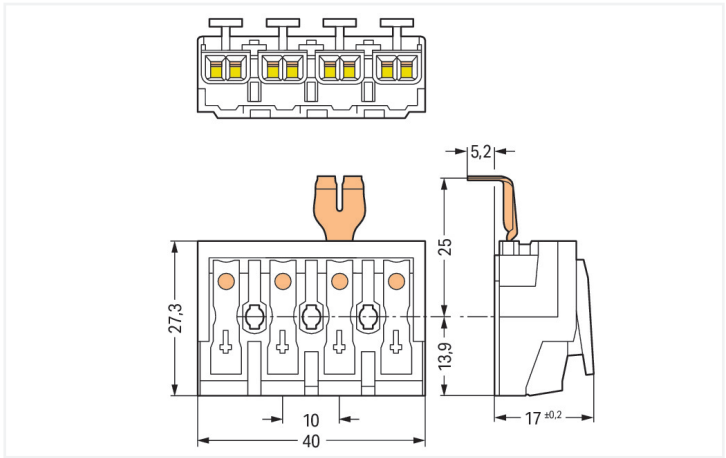
Data Sheet | Item Number: 294-4214

Lighting connector; push-button, external; with snap-in ground contact; 4-pole;  
Lighting side: for solid conductors; Inst. side: for all conductor types; max. 2.5 mm²;  
Surrounding air temperature: max 85°C (T85); white

<https://www.wago.com/294-4214>



Color: white



Dimensions in mm

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

This field-wiring terminal block (item number 294-4214) is designed for quick and easy connections. Ensure that the strip lengths are between 8 mm 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. Solid and fine-stranded conductors with ferrules can be pushed in without the need for tools—all thanks to its pluggable design. Our tried-and-tested PUSH WIRE® connection offers the fastest method for clamping conductors. It utilizes the conductor's stiffness to overcome the clamping spring's contact force. Depending on the conductor type, this field-wiring terminal block is ideal for conductor cross sections ranging from 0.5 mm² to 2.5 mm² on one side and for conductor cross sections from 0.5 mm² to 2.5 mm² on the other side as well as conductor cross sections from 0.5 mm² to 1.5 mm² and from 0.5 mm² to 0.75 mm². Four potentials can connect four poles using the twenty clamping points. The contacts are made of electrolytic copper (ECu), the clamping spring is made of chrome-nickel spring steel (CrNi), and the white housing is made of polycarbonate (PC) for insulation. 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 surge 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 surge voltage	-	-	4 kV	
Rated current	-	-	24 A	



Connection data

Clamping units	20
Total number of potentials	4
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 mm² / 18 ... 12 AWG
Solid conductor; push-in termination	0.5 ... 2.5 mm² / 18 ... 12 AWG
Stranded conductor	0.5 ... 2.5 mm² / 18 ... 14 AWG
Fine-stranded conductor	0.5 ... 2.5 mm² / 18 ... 14 AWG
Fine-stranded conductor; with insulated ferrule	0.5 ... 1.5 mm² / 18 ... 16 AWG
Fine-stranded conductor; with uninsulated ferrule	0.5 ... 1.5 mm² / 18 ... 16 AWG
Fine-stranded conductor; with ferrule; push-in termination	0.5 mm² / 18 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches
Pole number	4
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 mm² / 18 ... 14 AWG
Fine-stranded conductor; with insulated ferrule	0.5 ... 1 mm² / 18 ... 16 AWG
Fine-stranded conductor; with uninsulated ferrule	0.5 ... 1.5 mm² / 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 mm² / 18 ... 16 AWG
Fine-stranded conductor; with insulated ferrule	0.5 ... 0.75 mm² / 18 AWG
Fine-stranded conductor; with uninsulated ferrule	0.5 ... 1 mm² / 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 mm² / 18 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches

Physical data	
Pin spacing	10 mm / 0.394 inches
Width	40 mm / 1.575 inches
Height	17 mm / 0.669 inches
Depth	27.3 mm / 1.075 inches



Mechanical data		
Marking	1-2-⊕-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	0.24 MJ	
Halogen-free	Yes	
Weight	13.2 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	4050821097853	
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 8.0	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)	ef2fa8a1-cb3e-4544-bc9f-e626f3a7502c	
SCIP notification number (Belgium)	db287f4d-5587-4e3e-8acb-c52b7f0789cc	
SCIP notification number (Bulgaria)	c61f05ec-da43-44ac-871c-1ee98029bfed	
SCIP notification number (Czech Republic)	5ef660cc-426a-46fb-9303-93ec4b520bf7	
SCIP notification number (Denmark)	123c5594-5116-48b2-ba83-6d2a99ba109b	
SCIP notification number (Finland)	e6055f42-1cf7-4494-bec3-960b14f25b1b	
SCIP notification number (France)	9c897da2-7d31-4155-af12-31a2d4fa8059	
SCIP notification number (Germany)	b796d8d2-4b54-4a17-98e4-3321a5afebf8	
SCIP notification number (Hungary)	e5297cfd-32a9-4f83-8380-9d727ae709ab	
SCIP notification number (Italy)	dfd9e26b-e5ef-4723-9ce3-616593d34a80	
SCIP notification number (Netherlands)	ef4c56d6-a7b7-42b6-ad87-a3531f662a2e	
SCIP notification number (Poland)	b33e9158-f29c-4c09-86cc-043b6f0839c9	



Environmental Product Compliance	
SCIP notification number (Romania)	e276c332-687e-4e04-86ce-d9abc82565ac
SCIP notification number (Sweden)	75e1200e-097d-4c02-8529-432d44d0f45a



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 294-4214	

Documentation			
Bid Text			
294-4214	19.02.2019	xml 5.58 KB	
294-4214	13.06.2017	doc 28.00 KB	

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 294-4214	WSCAD Universe 294-4214
	ZUKEN Portal 294-4214

## 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

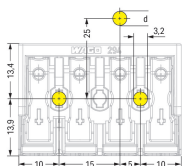


Item No.: 206-294

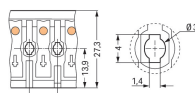
Disconnection tool; green

## Installation Notes

## Installation

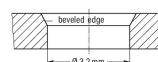


4-pole – with snap-in ground contact, d = 4.9 mm



Mounting hole for screw

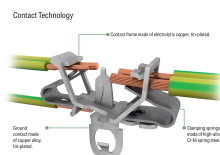
**Notice:** The maximum thread diameter for self-tapping screws is 3 mm.



Hole for screw mount

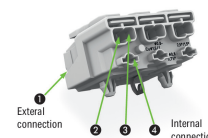
**Notice:** The maximum thread diameter for self-tapping screws is 3 mm.

## Conductor termination



<b>EUROPE</b>
1 x 0.5 ... 2.5 mm <sup>2</sup> "s"
1 x 0.5 ... 1.5 mm <sup>3</sup> "s"
1 x 0.5 ... 0.75 mm <sup>3</sup> "s"
<b>AMERICA</b>
1 x AWG 18 ... 14 "s"
1 x AWG 18 ... 16 "s"
1 x AWG 18 "s"
<b>JAPAN</b>
1 x 0.8 ... 1.6 mm diam. "s"
1 x 0.8 ... 1 mm diam. "s"
1 x 0.8 mm diam. "s"

<b>EUROPE</b>
2 x 0.5 ... 2.5 mm <sup>3</sup> *str, f-str*
<b>AMERICA</b>
2 x AWG 18 ... 12 *s*
2 x AWG 18 ... 14 *s, f-str*
<b>JAPAN</b>
2 x 0.8 ... 2 mm diam. *s*
2 x 0.5 ... 2 mm <sup>3</sup> *str, f-str*



**Internal connection:**

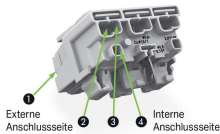
PUSH WIRE® for internal wiring with solid conductors

**External connection:**

Push-in CAGE CLAMP® for field-wiring  
with all conductor types



Conductor termination



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

