

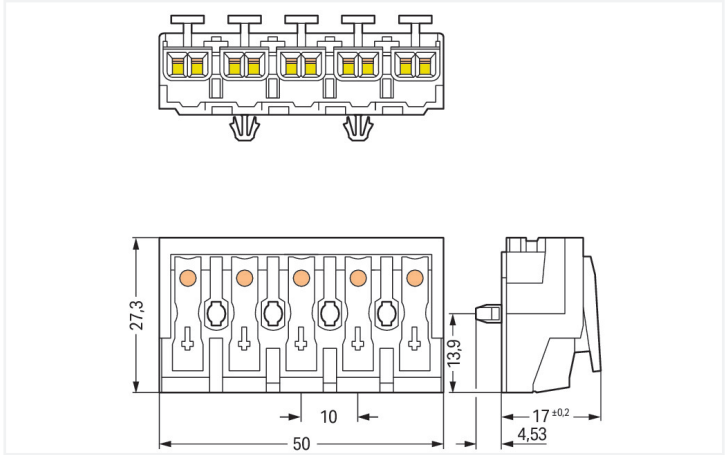
Data Sheet | Item Number: 294-5015

Lighting connector; push-button, external; without ground contact; L3-L2-L1-PE-N;  
5-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/294-5015>



Color: white



Dimensions in mm

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

Connect conductors quickly and securely with this field-wiring terminal block (item number 294-5015). Conductors can only be connected to this field-wiring terminal block if their strip length is between 8 mm and 9 mm. Featuring four conductor terminals along with Push-in CAGE CLAMP® as well as PUSH WIRE®, this product outperforms the competition. Our Push-in CAGE CLAMP® is a universal, maintenance-free connection solution for all conductor types, offering a key advantage: 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 uses the stiffness of the conductor to overcome the clamping spring's contact force, allowing you to clamp the conductor in place more quickly and easily. Dimensions: 50 x 21.53 x 27.3 mm (width x height x depth). 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. There are twenty-five clamping points available that you can use to connect five different potentials / five poles. The white housing is made of polycarbonate (PC) for insulation, the clamping spring is made of chrome-nickel spring steel (CrNi), and the contacts are made of electrolytic copper (ECu). 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	25
Total number of potentials	5
Number of connection types	4
PE function	without 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	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 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	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		L3-L2-L1-⊕-N
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		0.302 MJ
Halogen-free		Yes
Weight		15.2 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		Foil
Country of origin		CH
GTIN		4050821098171
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)		74955bee-e9bc-4f37-bd6e-052c745cec90
SCIP notification number (Belgium)		e4551a96-f93f-4081-9999-2e8e8d968498
SCIP notification number (Bulgaria)		fd7a2383-f3de-41a3-bb02-7e1257701b23
SCIP notification number (Czech Republic)		6678279d-c9ef-41f0-93ab-41f98885f285
SCIP notification number (Denmark)		d22e9627-504d-42d5-977f-99b9d2fc5bd5
SCIP notification number (Finland)		c52da033-96e7-495a-a4fe-50b9425e5e54
SCIP notification number (France)		a1626612-3276-4013-bf6a-1ce90562d0b7
SCIP notification number (Germany)		71220457-37a8-4267-b914-a9fc0d4cedf0
SCIP notification number (Hungary)		d041466e-d3e0-4e5b-b2f3-27fafaeeaaa0
SCIP notification number (Italy)		5a792dc6-cc0d-4ec5-aac5-a16edb5a8fcc
SCIP notification number (Netherlands)		7942f7af-2e1c-4386-ba5d-c2c206d46a3e
SCIP notification number (Poland)		7a7e2ee0-d1c5-4ed7-933e-a25ac6c48072




Environmental Product Compliance	
SCIP notification number (Romania)	87cb117d-df18-4b74-82ed-35e58a34189d
SCIP notification number (Sweden)	b5d2780e-7b06-4ae0-ba7c-07e6d9b70844



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 294-5015	

Documentation			
Bid Text			
294-5015	19.02.2019	xml 5.58 KB	
294-5015	13.06.2017	doc 28.00 KB	

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 294-5015	WSCAD Universe 294-5015
	ZUKEN Portal 294-5015

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

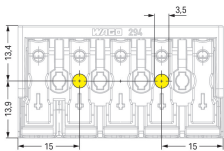
1.1.2.2 Operating tool



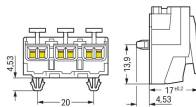
**Item No.: 206-294**  
Disconnection tool; green

Installation Notes

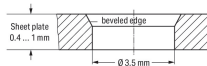
Installation



5-pole – without ground contact

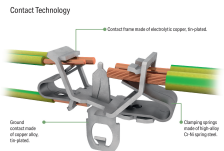


Snap-in foot



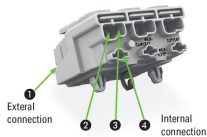
Drilled hole for snap-in mounting foot

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



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

