

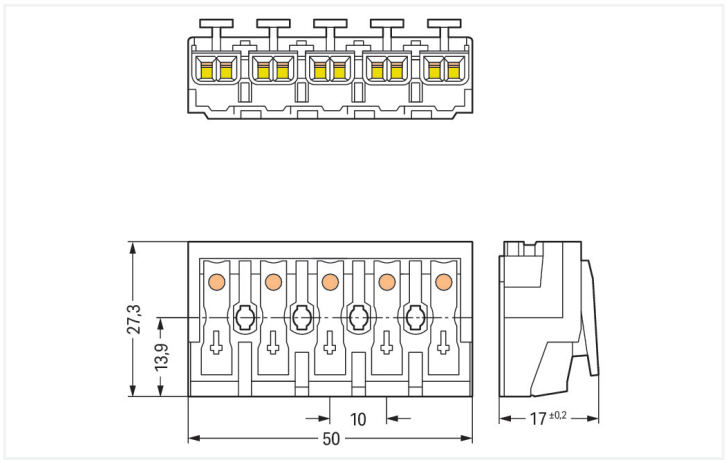
Data Sheet | Item Number: 294-4015

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/294-4015>



Color: white



Dimensions in mm

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

Connecting conductors is quick and easy with this field-wiring terminal block (item number 294-4015). 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® as well as 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 the need for tools—all thanks to its pluggable design. Our reliable PUSH WIRE® connection offers the fastest method for clamping conductors. It utilizes the conductor's stiffness to overcome the clamping spring's contact force. 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 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.

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	25	Connection 1	
Total number of potentials	5	Connection type	External 1
Number of connection types	4	Connection technology	Push-in CAGE CLAMP®
PE function	without PE contact	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 fer- rule	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 fer- rule	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 fer- rule	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	17 mm / 0.669 inches
Depth	27.3 mm / 1.075 inches



Mechanical data		
Marking		L3-L2-L1-⊕-N
Mounting type		without snap-in mounting feet

Material data		
Note (material data)		Information on material specifications can be found here
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 _{Cu})
Contact Plating		Tin
Fire load		0.229 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		4050821097686
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)		bcf1d540-c305-4720-a52c-73e1f47d1847
SCIP notification number (Belgium)		7465836c-eac0-4e70-a101-d3069de8ecb9
SCIP notification number (Bulgaria)		4b38bd2f-8e72-45b6-86ac-761b845a958b
SCIP notification number (Czech Republic)		ffd52c14-fc37-47ae-a803-aeb5f46a18b9
SCIP notification number (Denmark)		93985463-4d5e-4b11-a460-7b85c15a7a1b
SCIP notification number (Finland)		6bf8223c-d7d9-466d-829c-8208c3059dcf
SCIP notification number (France)		6ac9afc8-ef64-4e6b-bb8a-9368fdb37dfa
SCIP notification number (Germany)		58820f9f-d094-4a13-8036-5bd1e92beb49
SCIP notification number (Hungary)		322d988a-0aaf-48e5-a55e-2e7689877fdf
SCIP notification number (Italy)		66d98d15-9da9-4988-ab51-812f1a201a05
SCIP notification number (Netherlands)		f43a7499-b456-4969-8f7a-74ade24e508c
SCIP notification number (Poland)		3ec50e88-7e80-44b9-82b3-e73d2a439c12
SCIP notification number (Romania)		0fd7d7e4-e694-4f91-9bd9-49135bf7023e

Environmental Product Compliance	
SCIP notification number (Sweden)	04ccad53-585f-45b4-b1ca-ccbe4764f197

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
		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 294-4015	

Documentation

Bid Text			
294-4015	19.02.2019	xml 5.58 KB	
294-4015	13.06.2017	doc 28.50 KB	

CAD/CAE-Data

CAD data	CAE data
2D/3D Models 294-4015 	WSCAD Universe 294-4015 
	ZUKEN Portal 294-4015 

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

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.

Contact Technology

- Contact frame made of electrical-grade, fire-retarded
- Contact spring made of electrical-grade, fire-retarded
- Contact spring made of electrical-grade, fire-retarded
- Contact spring made of electrical-grade, fire-retarded

EUROPE
1 x 0.5 ... 2.5 mm ² "s"
1 x 0.5 ... 1.5 mm ² "s"
1 x 0.5 ... 0.75 mm ² "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 ² "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 ² "str, f-str"

External connection

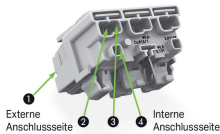
Internal connection

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.

