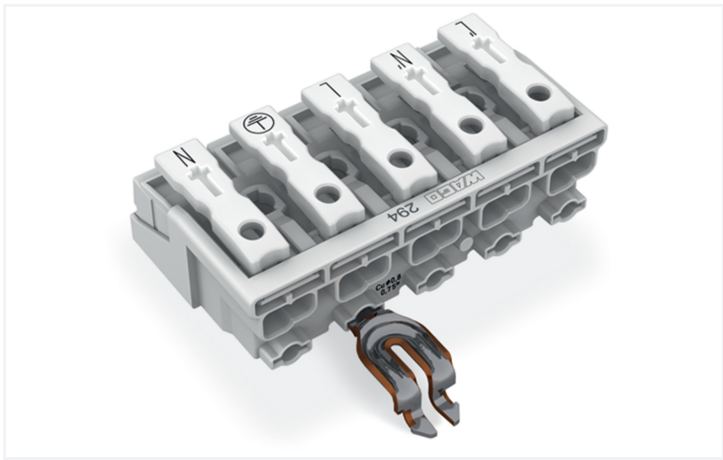


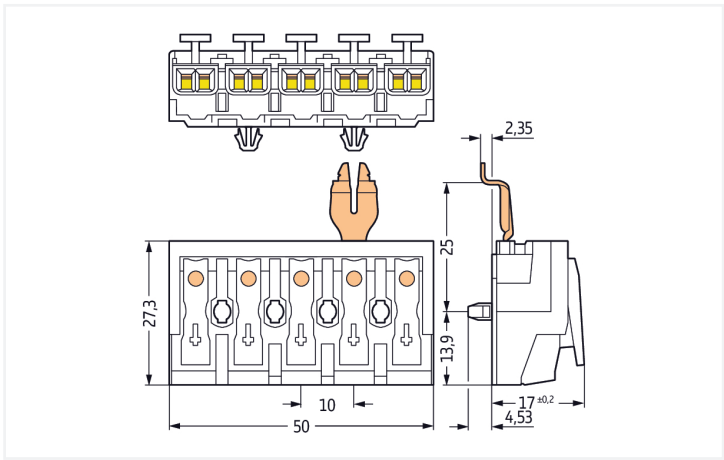
Data Sheet | Item Number: 294-5325

Lighting connector; push-button, external; with angled snap-in ground contact; L'-N'-L-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/294-5325>



Color: white



Field-wiring terminal block, 294 Series, white

Our field-wiring terminal block (item number 294-5325) simplifies electrical installations. Conductors should only be connected to this field-wiring terminal block if their strip length is between 8 and 9 mm . This product incorporates four conductor terminals and utilizes Push-in CAGE CLAMP® and PUSH WIRE®. Push-in CAGE CLAMP® technology provides a universal connection solution for all conductor types. It allows both solid and fine-stranded conductors with ferrules to be inserted directly into the clamping point without the need for tools. 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). This field-wiring terminal block is suitable for conductor cross sections ranging from 0.5 mm² to 2.5 mm² on one side and for conductor cross sections ranging from 0.5 mm² to 2.5 mm² on the other side as well as conductor cross sections from 0.5 mm² to 2.5 mm² and from 0.5 mm² to 0.75 mm² depending on the conductor type.

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
Total number of potentials	5
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 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	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		L´-N´-L-⊕-N
Mounting type		Snap-in foot

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		0.23 MJ
Halogen-free		Yes
Weight		16.2 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		Bag
Country of origin		PL
GTIN		4050821098522
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)		68d0c9d3-2f33-4c4f-ba90-fc7dc49657e8
SCIP notification number (Belgium)		55f6d487-996e-46e4-a8b9-89e1a6bed14d
SCIP notification number (Bulgaria)		3d7707d3-73c9-4566-8e73-67e2887c88a5
SCIP notification number (Czech Republic)		25be3fd1-c67b-457d-a3e5-7a3929ff6f09
SCIP notification number (Denmark)		2939a3a8-ac9e-4a19-8e3c-d6a698202c6a
SCIP notification number (Finland)		7e013cec-32cd-4f83-828e-c350469b4c7d
SCIP notification number (France)		59b8e6fe-9320-4c1c-806c-1d8f32a20186
SCIP notification number (Germany)		d067c45b-8943-4b38-83f2-e4335b4b8eb7
SCIP notification number (Hungary)		cd9605c7-c7b6-476b-a744-176b4dd2a964
SCIP notification number (Italy)		30d8bb09-9652-4216-9127-3b38f01546df
SCIP notification number (Netherlands)		b4a52fc4-d4a5-4918-a526-f8bad46e23e2
SCIP notification number (Poland)		0be093cb-e395-4451-929a-0106d558f4df
SCIP notification number (Romania)		f75778ec-bf3c-4abd-8550-d40512686668

Environmental Product Compliance	
SCIP notification number (Sweden)	0a3a1689-f6b8-4e30-b494-4c530ca72982

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 294-5325	

Documentation

Bid Text			
294-5325	19.02.2019	xml 5.60 KB	
294-5325	13.06.2017	doc 28.50 KB	

CAD/CAE-Data

CAD data	CAE data
2D/3D Models 294-5325 	WSCAD Universe 294-5325 
	ZUKEN Portal 294-5325 

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

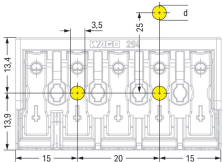
1.1.2.2 Operating tool



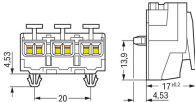
Item No.: 206-294
Disconnection tool; green

Installation Notes

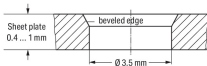
Installation



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

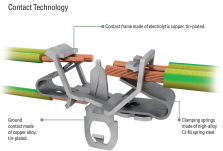


Snap-in foot



Drilled hole for snap-in mounting foot

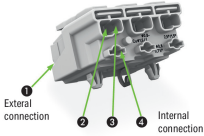
Conductor termination



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

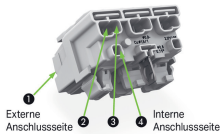
EUROPE
1 x 0.5 ... 2.5 mm ² "s"
1 x 0.5 ... 1.5 mm ² "s"
1 x 0.5 ... 0.75 mm ² "s"
AMERICA
1 x AWG 18 ... 14 "s"
1 x AWG 18 ... 16 "s"
1 x AWG 18 "s"
JAPAN
1 x 0.8 ... 1.6 mm diam. "s"
1 x 0.8 ... 1 mm diam. "s"
1 x 0.8 mm diam. "s"

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

Conductor termination



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

