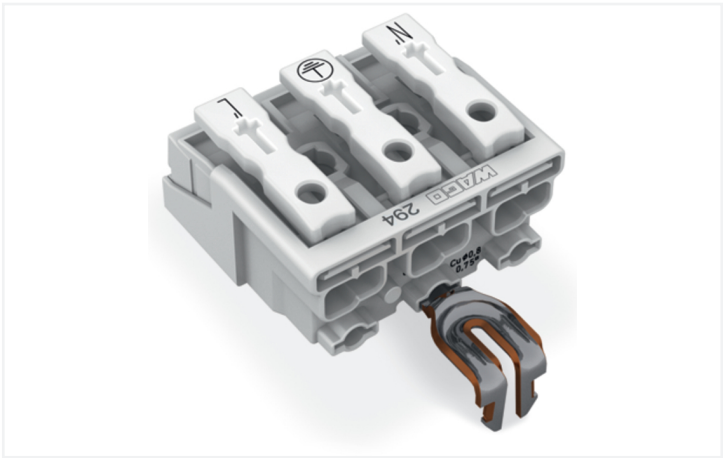


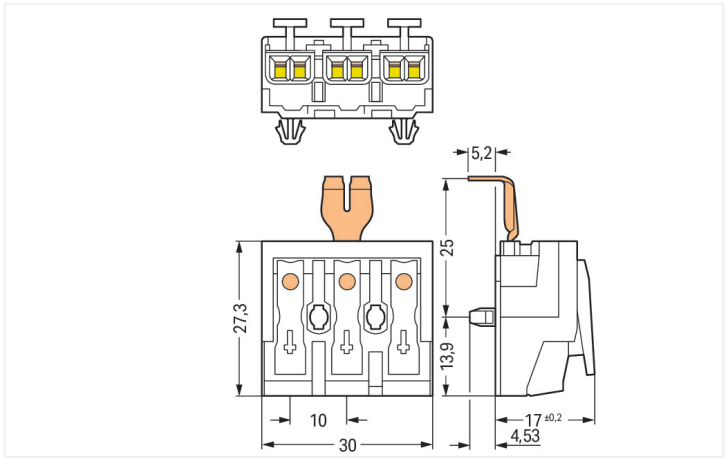
Data Sheet | Item Number: 294-5223

Lighting connector; push-button, external; with snap-in ground contact; 3-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/294-5223>



Color: white



Dimensions in mm

Field-wiring terminal block, 294 Series, white

This field-wiring terminal block (item number 294-5223) streamlines wire connections, making them both quick and easy. Conductors should only be connected to this field-wiring terminal block if their strip length is between 8 mm and 9 mm. This product features 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 faster and easier conductor clamping. The item's dimensions are 30 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. Up to three potentials / three poles can be connected to this terminal strip using fifteen clamping points. 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). The contact surface is coated with tin.

Electrical data				
Ratings per		IEC/EN 60998-1		Ratings per IEC/EN – Notes
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 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	
Ratings (note)		Connection points		



Connection data

Clamping units	15
Total number of potentials	3
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	3
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	30 mm / 1.181 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		N´-⊕-L´
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		0.094 MJ
Halogen-free		Yes
Weight		10.2 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		4050821098416
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)		d0e46e1d-e92d-42d2-a631-e7772775fca1
SCIP notification number (Belgium)		d1f5d496-4e8d-409b-a189-38fd79a0fc58
SCIP notification number (Bulgaria)		b440ba37-6f93-41e3-8cfe-606dc821bc69
SCIP notification number (Czech Republic)		86af6da6-95bc-4a49-9fe9-9c3d7024345c
SCIP notification number (Denmark)		f89e4663-2624-4bb0-9c73-9551046df927
SCIP notification number (Finland)		5ccb73ba-4a38-4562-ad31-c76a9194f45e
SCIP notification number (France)		4db13590-da3a-4728-8c51-e87a7db605d4
SCIP notification number (Germany)		596daf6d-7be9-4704-973b-231347718d63
SCIP notification number (Hungary)		2352def9-d7ea-4726-8d27-6e44fa337feb
SCIP notification number (Italy)		75e20e38-e9c6-4899-b8ff-d77bc3a82649
SCIP notification number (Netherlands)		3bd1049d-7a82-4cf3-925b-38a66af3dd4a
SCIP notification number (Poland)		37466a27-4149-4ad8-b088-70b319d1ffb




Environmental Product Compliance	
SCIP notification number (Romania)	77576e1c-bf4d-4f9e-97d4-9df26e4bebc2
SCIP notification number (Sweden)	9e87d101-7168-4e07-b2cd-46a40f89d582



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 294-5223	

Documentation			
Bid Text			
294-5223	13.06.2017	doc 28.00 KB	
294-5223	19.02.2019	xml 5.58 KB	

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 294-5223	WSCAD Universe 294-5223
	ZUKEN Portal 294-5223

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

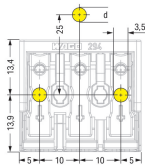
1.1.2.2 Operating tool



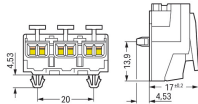
**Item No.: 206-294**  
Disconnection tool; green

Installation Notes

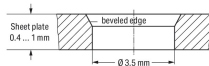
Installation



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

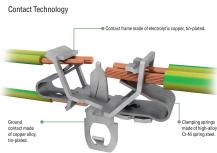


Snap-in foot



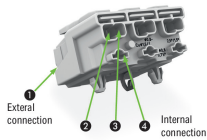
Drilled hole for snap-in mounting foot

Conductor termination



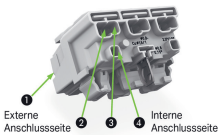
EUROPE
1 x 0.5 ... 2.5 mm <sup>2</sup> "s"
1 x 0.5 ... 1.5 mm <sup>2</sup> "s"
1 x 0.5 ... 0.75 mm <sup>2</sup> "s"
AMERICA
1 x AWG 18 ... 14 "s"
1 x AWG 18 ... 16 "s"
1 x AWG 18 "s"
JAPAN
1 x 0.8 ... 1.6 mm diam. "s"
1 x 0.8 ... 1 mm diam. "s"
1 x 0.8 mm diam. "s"

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.

