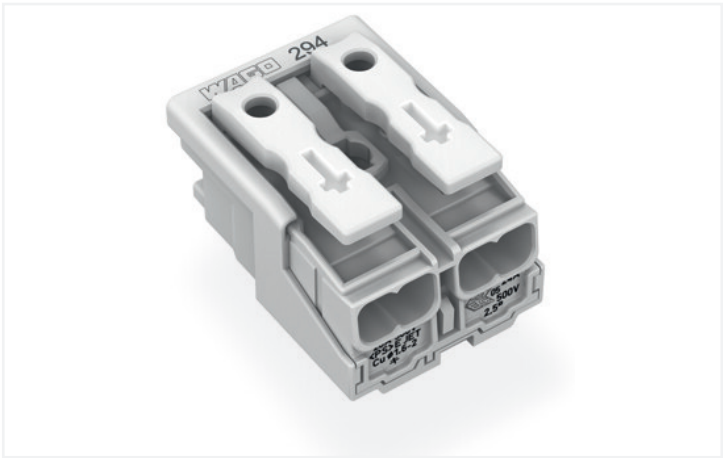


Data Sheet | Item Number: 294-4002

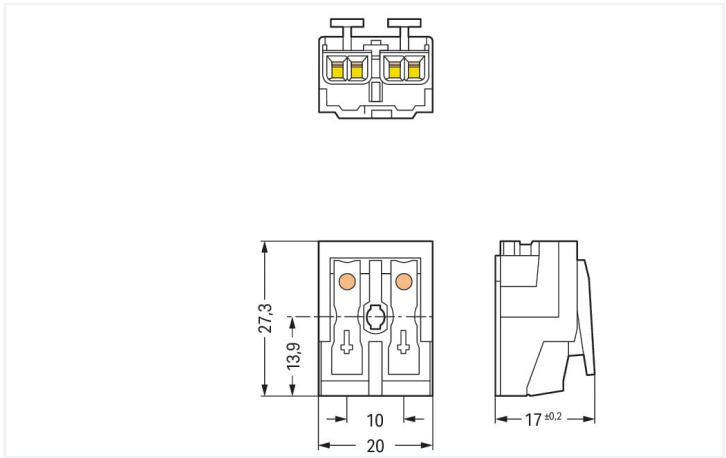
Lighting connector; push-button, external; without ground contact; 2-pole; Lighting side: for solid conductors; Inst. side: for all conductor types; max. 2.5 mm²; Surrounding air temperature: max 85°C (T85); 2,50 mm²; white

<https://www.wago.com/294-4002>



Color: white

Similar to illustration



Dimensions in mm

- External connection of solid, stranded and fine-stranded conductors
- Universal conductor termination (AWG, metric)
- Third contact located at the bottom of internal connection end
- Strain relief plate can be retrofitted

Electrical data									
Ratings per		IEC/EN 60998-1			Ratings per		IEC/EN 60998-2-2		
Overvoltage category		III	III	II	Overvoltage category		III	III	II
Pollution degree		3	2	2	Pollution degree		3	2	2
Nominal voltage		-	-	500 V	Nominal voltage		-	-	500 V
Rated surge voltage		-	-	4 kV	Rated surge voltage		-	-	4 kV
Rated current		-	-	24 A	Rated current		-	-	24 A

Connection data									
Connection points	10	Connection 1							
Total number of potentials	2	Connection type 1	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 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	2						
		Wiring direction	Side-entry wiring						



Connection 2	
Connection type 2	Internal 2
Connection technology 2	PUSH WIRE®
Number of connection points 2	1
Actuation type 2	Push-in
Solid conductor 2	0.5 ... 2.5 mm² / 18 ... 14 AWG
Fine-stranded conductor; with insulated ferrule 2	0.5 ... 1 mm² / 18 ... 16 AWG
Fine-stranded conductor; with uninsulated ferrule 2	0.5 ... 1.5 mm² / 18 ... 14 AWG
Strip length 2	8 ... 9 mm / 0.31 ... 0.35 inches

Connection 4	
Connection type 4	Internal 4
Connection technology 4	PUSH WIRE®
Number of connection points 4	1
Actuation type 4	Push-in
Solid conductor 4	0.5 ... 0.75 mm² / 18 AWG
Strip length 4	8 ... 9 mm / 0.31 ... 0.35 inches

Physical data		
Pin spacing		10 mm / 0.394 inches
Width		20 mm / 0.787 inches
Height from the surface		17 mm / 0.669 inches
Depth		27.3 mm / 1.075 inches

Mechanical data	
Marking	plain
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	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	0.121 MJ
Halogen-free	Yes
Weight	6.1 g



Environmental requirements	
Temperature stability	120 °C
T marking	T85
Commercial data	
Product Group	8 (Misc. Chassis Mount Blocks)
eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 8.0	EC001284
ETIM 7.0	EC001284
PU (SPU)	1000 pcs
Packaging type	Foil
Country of origin	CH
GTIN	4050821097594
Customs tariff number	85369010000
Environmental Product Compliance	
CAS-No.	131651-65-5 144317-44-2 220133-51-7 220689-12-3 25628-08-4 29420-49-3 375-73-5 503155-89-3 507453-86-3 68259-10-9
REACH Candidate List Substance	Perfluorobutane sulfonic acid (PFBS) and its salts
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c) 7(a) 7(c)-I 7(c)-II
SCIP notification number (Austria)	b58bcb0f-fe0a-4f4a-be57-ca62ec4ddcc2
SCIP notification number (Belgium)	3d883f5c-09c6-432c-bc5f-1093b6039b27
SCIP notification number (Bulgaria)	f5ece1be-eed7-4767-a42f-86dd7559c564
SCIP notification number (Czech Republic)	ed9956a2-0d63-4556-af75-fcb290c468a3
SCIP notification number (Denmark)	0dae9b4c-41a2-4be3-97c2-5cc1c2fdd03d
SCIP notification number (Finland)	9ac77f7c-6edb-4e76-a2ff-cdaebdf962c6
SCIP notification number (France)	f4bb6457-d345-4079-be69-14052b68d6cb
SCIP notification number (Germany)	bc3eabbd-051f-4d5a-8985-d698d264ebb9
SCIP notification number (Hungary)	3ca30147-74bc-4761-a282-7339cff7ddb2
SCIP notification number (Italy)	fd1acc40-2dfa-486f-bac5-b4e58175bb5f
SCIP notification number (Netherlands)	fb85d645-ca2b-4ebe-8d25-8c7e89cba1aa
SCIP notification number (Poland)	4890ad41-7d01-48b1-b2e2-ca41c2322f57
SCIP notification number (Romania)	051cbfa2-251e-4085-bb5c-5079f5cd13f5
SCIP notification number (Sweden)	67ebf2ad-057e-47dd-abb9-0f1d225882cf



Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
ENEC 05 DEKRA Certification B.V.	EN 60998	2128791.01

Declarations of conformity and manufacturer's declarations

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 294-4002



Documentation

Additional Information
Technical Section
pdf 2240.62 KB



Bid Text
294-4002
19.02.2019
xml 5.57 KB
294-4002
13.06.2017
doc 27.00 KB



CAD/CAE-Data

CAD data
2D/3D Models 294-4002



CAE data
WSCAD Universe 294-4002
ZUKEN Portal 294-4002



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

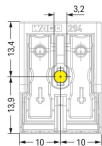
1.1.2.2 Operating tool



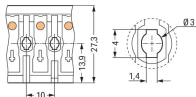
Item No.: 206-294
Disconnection tool; green

Installation Notes

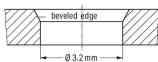
Installation



2-pole – without ground contact

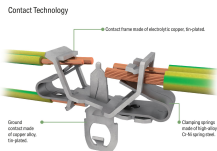


Mounting hole for screw
Notice: The maximum thread diameter for self-tapping screws is 3 mm.



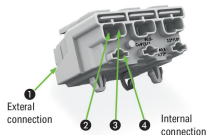
Hole for screw mount
Notice: The maximum thread diameter for self-tapping screws is 3 mm.

Conductor termination



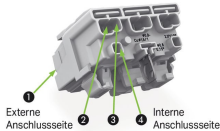
EUROPE
1 x 0.5 ... 2.5 mm ² "s"
1 x 0.5 ... 1.5 mm ² "s"
1 x 0.5 ... 0.75 mm ² "s"
AMERICA
1 x AWG 18 ... 14 "s"
1 x AWG 18 ... 16 "s"
1 x AWG 18 "s"
JAPAN
1 x 0.8 ... 1.6 mm diam. "s"
1 x 0.8 ... 1 mm diam. "s"
1 x 0.8 mm diam. "s"

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"



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.

