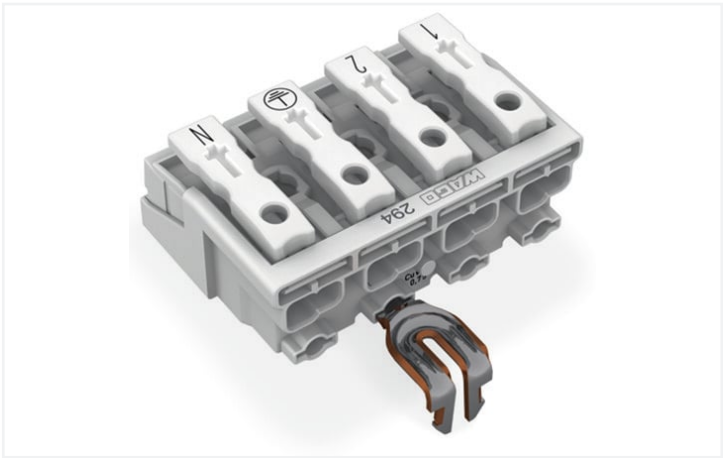


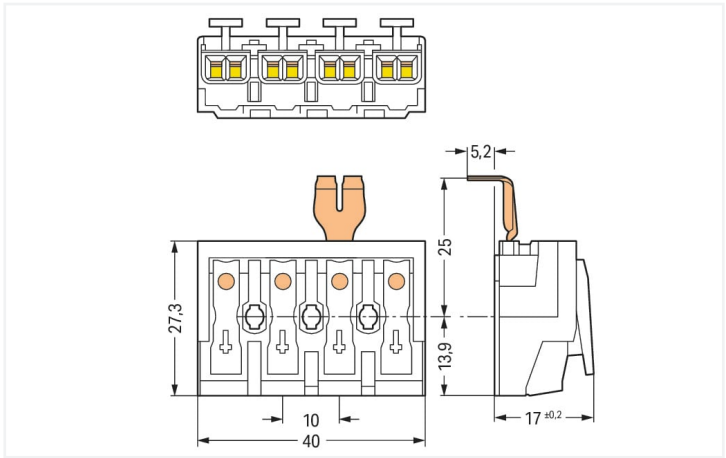
Data Sheet | Item Number: 294-4214

Lighting connector; push-button, external; with snap-in ground contact; 4-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/294-4214>



Color: white



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
Pollution degree	3	2	2	Pollution degree	3	2
Nominal voltage	-	-	500 V	Nominal voltage	-	-
Rated surge voltage	-	-	4 kV	Rated surge voltage	-	-
Rated current	-	-	24 A	Rated current	-	-

Connection data			Connection 1	
Connection points	20		Connection type 1	External 1
Total number of potentials	4		Connection technology	Push-in CAGE CLAMP®
Number of connection types	4		Number of connection points	2
PE function	Snap-in PE contact		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	4
			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		40 mm / 1.575 inches
Height from the surface		17 mm / 0.669 inches
Depth		27.3 mm / 1.075 inches

Mechanical data		
Marking		1-2- -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		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		0.24 MJ
Halogen-free		Yes
Weight		13.2 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)	500 pcs
Packaging type	Bag
Country of origin	PL
GTIN	4050821097853
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)	ef2fa8a1-cb3e-4544-bc9f-e626f3a7502c
SCIP notification number (Belgium)	db287f4d-5587-4e3e-8acb-c52b7f0789cc
SCIP notification number (Bulgaria)	c61f05ec-da43-44ac-871c-1ee98029bfed
SCIP notification number (Czech Republic)	5ef660cc-426a-46fb-9303-93ec4b520bf7
SCIP notification number (Denmark)	123c5594-5116-48b2-ba83-6d2a99ba109b
SCIP notification number (Finland)	e6055f42-1cf7-4494-bec3-960b14f25b1b
SCIP notification number (France)	9c897da2-7d31-4155-af12-31a2d4fa8059
SCIP notification number (Germany)	b796d8d2-4b54-4a17-98e4-3321a5afebf8
SCIP notification number (Hungary)	e5297cfd-32a9-4f83-8380-9d727ae709ab
SCIP notification number (Italy)	dfd9e26b-e5ef-4723-9ce3-616593d34a80
SCIP notification number (Netherlands)	ef4c56d6-a7b7-42b6-ad87-a3531f662a2e
SCIP notification number (Poland)	b33e9158-f29c-4c09-86cc-043b6f0839c9
SCIP notification number (Romania)	e276c332-687e-4e04-86ce-d9abc82565ac
SCIP notification number (Sweden)	75e1200e-097d-4c02-8529-432d44d0f45a



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 294-4214



Documentation

Additional Information
Technical Section

pdf
2240.62 KB



Bid Text
294-4214

19.02.2019	xml 5.58 KB	
294-4214	13.06.2017	doc 28.00 KB



CAD/CAE-Data

CAD data
2D/3D Models 294-4214



CAE data
WSCAD Universe 294-4214



ZUKEN Portal 294-4214



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



Strain relief plate; for 294 Series; for multi-core cables; 3- to 5-pole; with secured clamp; white



Strain relief plate; for 294 Series; for single strands; 3- to 5-pole; with secured clamp; white

1.1.2 Tool

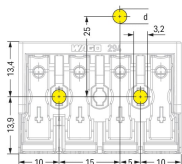
1.1.2.2 Operating tool



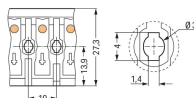
Disconnection tool; green

Installation Notes

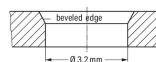
Installation



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

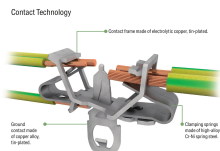


Mounting hole for screw
Notice: The maximum thread diameter for self-tapping screws is 3 mm.



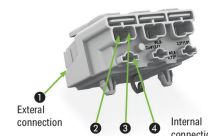
Hole for screw mount
Notice: The maximum thread diameter for self-tapping screws is 3 mm.

Conductor termination



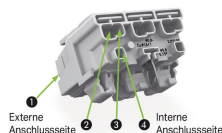
EUROPE
1 x 0.5 ... 2.5 mm ² "s"
1 x 0.5 ... 1.5 mm ² "s"
1 x 0.5 ... 0.75 mm ² "s"
AMERICA
1 x AWG 18 ... 14 "s"
1 x AWG 18 ... 16 "s"
1 x AWG 18 "s"
JAPAN
1 x 0.8 ... 1.6 mm diam. "s"
1 x 0.8 ... 1 mm diam. "s"
1 x 0.8 mm diam. "s"

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.

