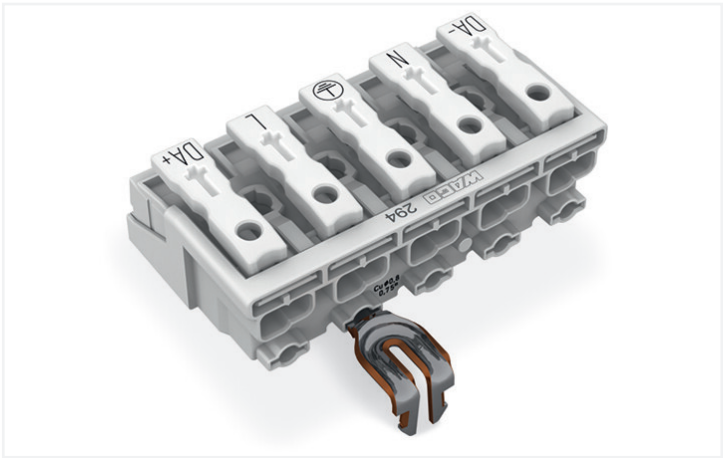


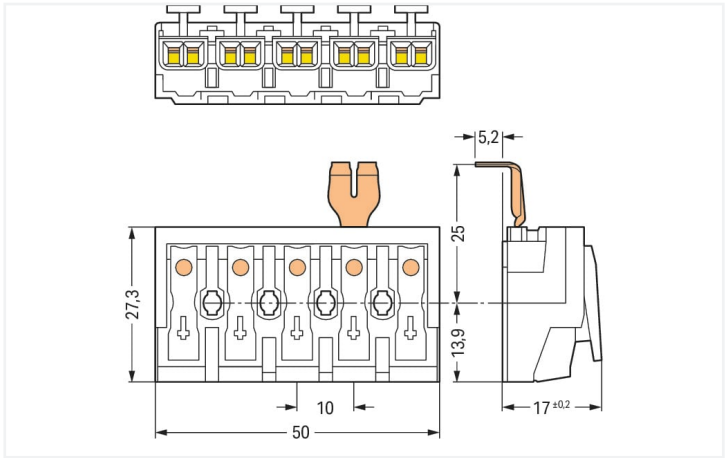
Data Sheet | Item Number: 294-4275

Lighting connector; push-button, external; with snap-in ground contact; 5-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/294-4275>



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	25		Connection type 1	External 1
Total number of potentials	5		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	5
			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		50 mm / 1.969 inches
Height from the surface		17 mm / 0.669 inches
Depth		27.3 mm / 1.075 inches

Mechanical data		
Marking		DA- N L DA+
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		0.301 MJ
Halogen-free		Yes
Weight		16.1 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)	250 pcs
Packaging type	Bag
Country of origin	PL
GTIN	4050821097938
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)	c218bc42-da4a-49b7-9025-dfcf770a8c04
SCIP notification number (Belgium)	0e030c39-298c-4e89-b124-59204c3cc0b1
SCIP notification number (Bulgaria)	d98e7224-4167-4ea0-9fd7-ecc399ff8ca4
SCIP notification number (Czech Republic)	0fdac88b-2b4f-48aa-8164-2491038447dc
SCIP notification number (Denmark)	be3d28a6-57ed-4d05-8742-db0594f8f6c1
SCIP notification number (Finland)	49c956ff-620c-4799-882a-789379dbf8a2
SCIP notification number (France)	4fdefdc3-512f-4391-899b-54c674ec5ca5
SCIP notification number (Germany)	bd3ed2bb-27d6-4941-a9a7-5cbd4fbd680b
SCIP notification number (Hungary)	404a0d88-364c-4712-9b18-00f5c4e786ab
SCIP notification number (Italy)	353537ad-6b90-454e-95fb-90bff15983c3
SCIP notification number (Netherlands)	bb5c0dee-4eaf-48df-bda9-b481c9541742
SCIP notification number (Poland)	9371dfab-92f3-450a-b456-7fbefef7bd76
SCIP notification number (Romania)	9e313972-eb1e-4030-ac44-78b2289ab623
SCIP notification number (Sweden)	896296af-3058-46b3-897b-1671623ba58a



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 294-4275



Documentation

Additional Information
Technical Section
pdf 2240.62 KB



Bid Text
294-4275
19.02.2019
xml 5.59 KB
294-4275
13.06.2017
doc 28.50 KB



CAD/CAE-Data

CAD data
2D/3D Models 294-4275



CAE data
WSCAD Universe 294-4275
ZUKEN Portal 294-4275



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

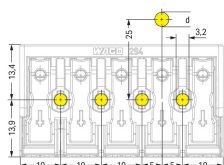


Item No.: 206-294

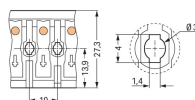
Disconnection tool; green

Installation Notes

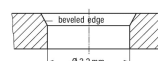
Installation



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

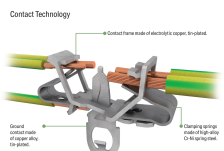


Mounting hole for screw
Notice: The maximum thread diameter for self-tapping screws is 3 mm.



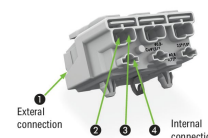
Hole for screw mount
Notice: The maximum thread diameter for self-tapping screws is 3 mm.

Conductor termination



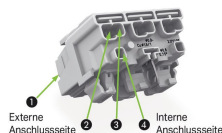
EUROPE
1 x 0.5 ... 2.5 mm ² "s"
1 x 0.5 ... 1.5 mm ² "s"
1 x 0.5 ... 0.75 mm ² "s"
AMERICA
1 x AWG 18 ... 14 "s"
1 x AWG 18 ... 16 "s"
1 x AWG 18 "s"
JAPAN
1 x 0.8 ... 1.6 mm diam. "s"
1 x 0.8 ... 1 mm diam. "s"
1 x 0.8 mm diam. "s"

EUROPE
2 x 0.5 ... 2.5 mm ³ *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 ³ *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.

