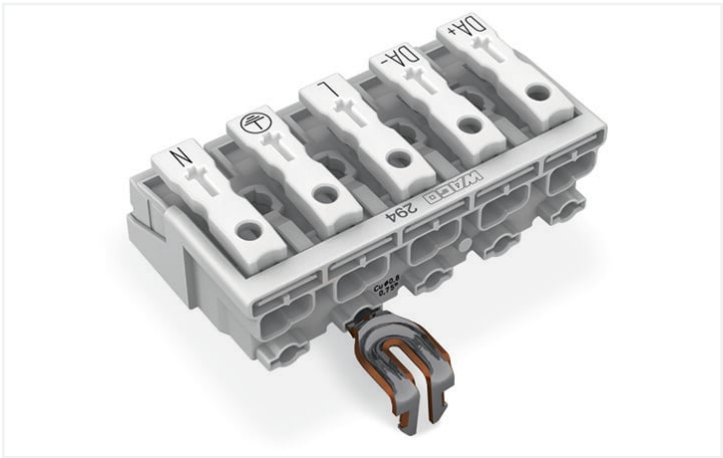


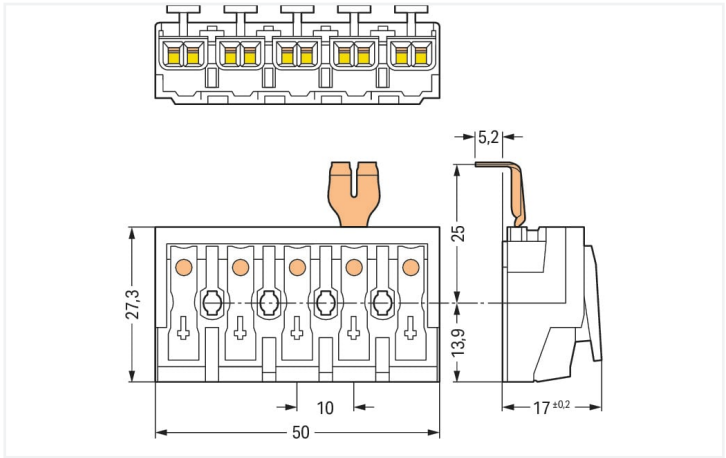
Data Sheet | Item Number: 294-4235

Lighting connector; push-button, external; with snap-in ground contact; DA+ DA- 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); 2,50 mm²; white

<https://www.wago.com/294-4235>



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

Connection 3	
Connection type 3	Internal 3
Connection technology 3	PUSH WIRE®
Number of connection points 3	1
Actuation type 3	Push-in
Solid conductor 3	0.5 ... 1.5 mm² / 18 ... 16 AWG
Fine-stranded conductor; with insulated ferrule 3	0.5 ... 0.75 mm² / 18 AWG
Fine-stranded conductor; with uninsulated ferrule 3	0.5 ... 1 mm² / 18 AWG
Strip length 3	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+ DA- L 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		0.301 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	4050821097907
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)	42bfa6b2-6913-4f72-be98-b97e0b920eea
SCIP notification number (Belgium)	78eff8cd-6d4c-4826-8846-c48e7a442307
SCIP notification number (Bulgaria)	7deed03f-8e0a-4358-bb83-6fd6cf581f17
SCIP notification number (Czech Republic)	b5d5c5f4-cf3b-4a35-9a7c-938bb53b1ae8
SCIP notification number (Denmark)	d13a98d9-b41a-41ed-980c-0167383ef2b8
SCIP notification number (Finland)	072ac21b-1a47-414d-9eca-5d96833a0180
SCIP notification number (France)	2ed04014-3f2c-4b26-943a-b21b0be82e18
SCIP notification number (Germany)	5f1ae9a5-8470-4ba4-92aa-4a3a89d94de1
SCIP notification number (Hungary)	fd76c449-e8c6-4f8a-8907-9d1913054fea
SCIP notification number (Italy)	f944028b-989b-417f-9bad-d58d5f9680e9
SCIP notification number (Netherlands)	2f09ab29-28ab-42b8-aaba-a32c73195e2f
SCIP notification number (Poland)	2bef43c7-d390-4168-9342-f3134ebc45c4
SCIP notification number (Romania)	1126fa3e-70df-4f08-8255-dc2d66eec525
SCIP notification number (Sweden)	32f1d023-0930-471a-ab61-7a7cad4a6112



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 294-4235



Documentation

Additional Information
Technical Section

pdf
2240.62 KB



Bid Text
294-4235
19.02.2019
xml 5.59 KB
294-4235
13.06.2017
doc 28.50 KB



CAD/CAE-Data

CAD data
2D/3D Models 294-4235



CAE data
WSCAD Universe 294-4235
ZUKEN Portal 294-4235



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

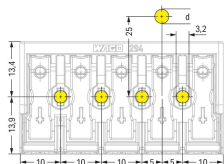


Item No.: 206-294

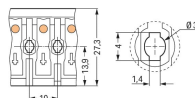
Disconnection tool; green

Installation Notes

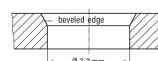
Installation



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

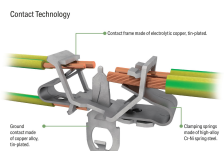


Mounting hole for screw
Notice: The maximum thread diameter for self-tapping screws is 3 mm.



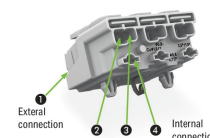
Hole for screw mount
Notice: The maximum thread diameter for self-tapping screws is 3 mm.

Conductor termination



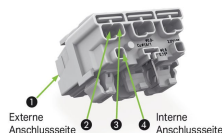
EUROPE
1 x 0.5 ... 2.5 mm ² "s"
1 x 0.5 ... 1.5 mm ² "s"
1 x 0.5 ... 0.75 mm ² "s"
AMERICA
1 x AWG 18 ... 14 "s"
1 x AWG 18 ... 16 "s"
1 x AWG 18 "s"
JAPAN
1 x 0.8 ... 1.6 mm diam. "s"
1 x 0.8 ... 1 mm diam. "s"
1 x 0.8 mm diam. "s"

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.

