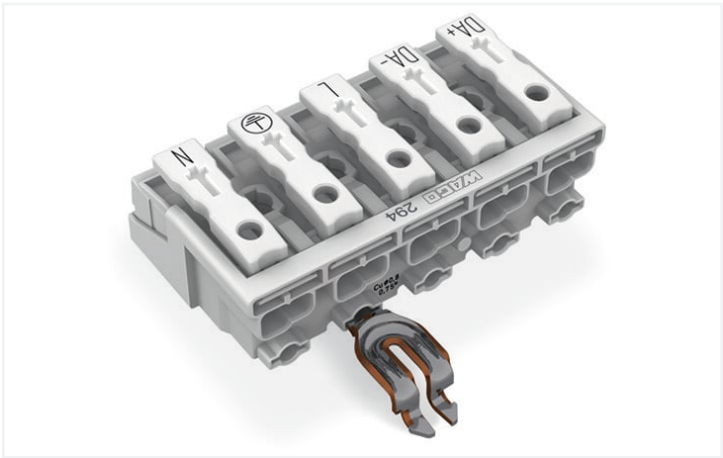


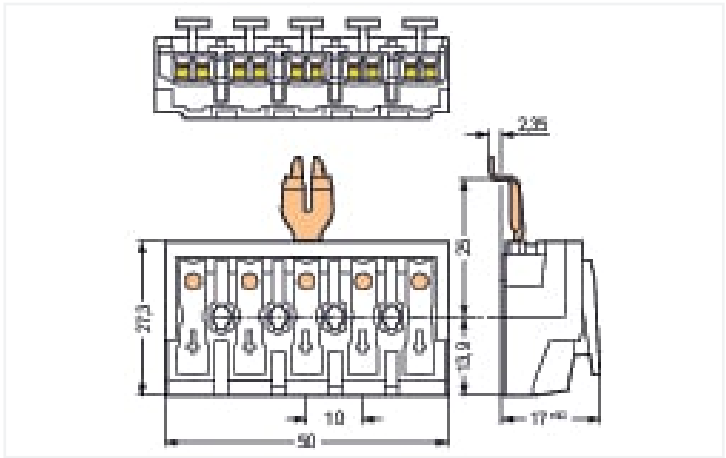
Data Sheet | Item Number: 294-4335

Lighting connector; push-button, external; with angled 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/294-4335>



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		
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 – Notes	
Ratings (note)	Connection points

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

Connection data

Clamping units	25
Total number of potentials	5
Number of connection types	4
PE function	Angled snap-in PE contact

Connection 1	
Connection type 1	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



Connection 1	
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 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

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+ 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 (main housing)	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		4050821098003
Customs tariff number		85369010000

Environmental Product Compliance		
REACH Candidate List Substance		Perfluorobutane sulfonic acid (PFBS) and its salts
RoHS Compliance Status		Compliant,No Exemption
SCIP notification number (Austria)		639479a7-57ac-44bf-a578-e9545e263b9d
SCIP notification number (Belgium)		6965d778-4634-4d64-bfe1-080eec165c57
SCIP notification number (Bulgaria)		b9a9f267-61d6-46e7-866c-d9f43570c6a9
SCIP notification number (Czech Republic)		f5ee390b-93df-4f67-bd69-f4890dd05758
SCIP notification number (Denmark)		ddb054eb-00c0-4ffc-b500-dad7f14d0b9f
SCIP notification number (Finland)		d5aba7b2-1a38-4718-b254-b2e035adf0fd
SCIP notification number (France)		b67ffe50-28bb-4745-8e0a-d6756e5b0339
SCIP notification number (Germany)		41f4c024-501e-4f3f-bcac-239243af8c1f
SCIP notification number (Hungary)		51f1f31e-f2d7-4aff-8510-5d11cff85d49
SCIP notification number (Italy)		a3d1d34b-f511-48b6-b2ce-1e03890ee065
SCIP notification number (Netherlands)		3a320f76-06e2-4f67-b894-72e7a93f0fe5
SCIP notification number (Poland)		fcebb99b-b2fe-4720-b99b-1e1caac5c55d
SCIP notification number (Romania)		9bbea164-5d2b-47a2-ab43-cb81a05336b7
SCIP notification number (Sweden)		aa517370-8f25-47c8-9005-e4210c03394e

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 294-4335


Documentation

Additional Information
Technical Section
pdf
2246.92 KB


Bid Text
294-4335
19.02.2019
xml
5.60 KB

294-4335
13.06.2017
doc
28.50 KB


CAD/CAE-Data

CAD data
2D/3D Models
294-4335


CAE data
WSCAD Universe
294-4335

ZUKEN Portal
294-4335


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

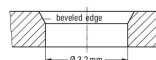
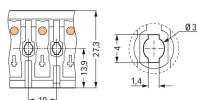
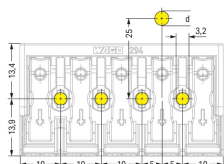


Item No.: 206-294

Disconnection tool; green

Installation Notes

Installation



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

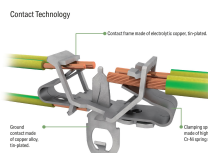
Mounting hole for screw

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

Hole for screw mount

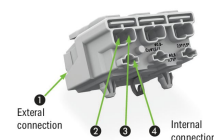
Notice: The maximum thread diameter for self-tapping screws is 3 mm.

Conductor termination



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

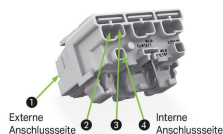


Internal connection:

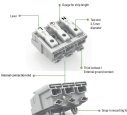
PUSH WIRE® for internal wiring with solid conductors

External connection:

Push-in CAGE CLAMP® for field-wiring
with all conductor types



Terminating five conductors per pole – solid and fine-stranded.



Subject to changes. Please also observe the further product documentation!

Current addresses can be found at: www.wago.com