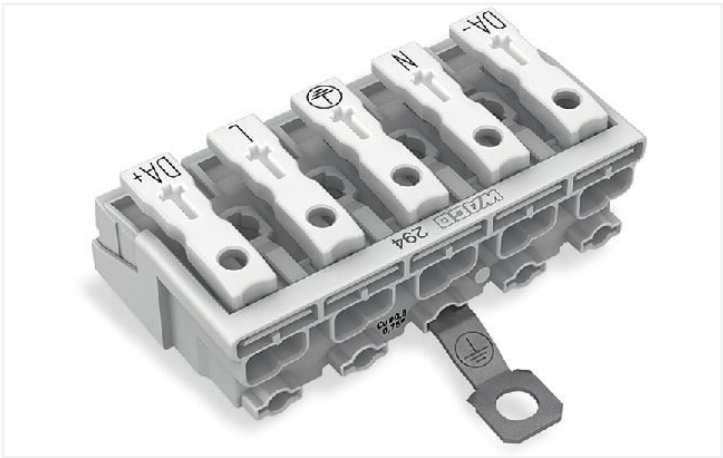


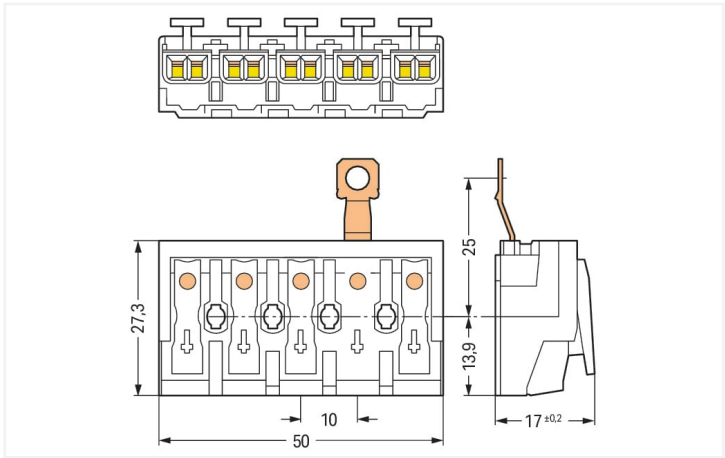
Data Sheet | Item Number: 294-4475

Lighting connector; push-button, external; with screw-type 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/294-4475>



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	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	25	Connection 1							
Total number of potentials	5	Connection type 1	External 1						
Number of connection types	4	Connection technology	Push-in CAGE CLAMP®						
PE function	Screw-type 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	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		15.8 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	4050821098133
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)	64cc7479-2271-459c-b51a-1db2b77753c2
SCIP notification number (Belgium)	9b901148-7268-4e1d-81b9-5fa68ff617af
SCIP notification number (Bulgaria)	f0d73883-cb31-453d-b3c8-a50685470414
SCIP notification number (Czech Republic)	007bcfae-6294-4f46-a42a-2571973127c7
SCIP notification number (Denmark)	1d638056-c8e0-4e27-a90d-64250a45051b
SCIP notification number (Finland)	3a071f68-79b6-44f1-811a-9e63577b5986
SCIP notification number (France)	c2ef848b-c450-4648-a0c4-a041af554d6d
SCIP notification number (Germany)	927ca048-585d-4312-a397-c78943e508ed
SCIP notification number (Hungary)	ebcc8a08-2914-4132-8ce7-a9c3f9df58e5
SCIP notification number (Italy)	22216f80-71eb-4168-8abf-bd2e165b0cad
SCIP notification number (Netherlands)	d4c34eb4-797d-445f-bd87-d3b60fa016d3
SCIP notification number (Poland)	832710f9-3a0a-4fcd-8fe6-b7825bf728f7
SCIP notification number (Romania)	7f09b9e2-fd4b-48d4-9a04-7d3e3826da38
SCIP notification number (Sweden)	dfea4af9-b1c1-4717-8900-34ca38ed1b6d



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 294-4475



Documentation

Additional Information
Technical Section
pdf 2240.62 KB



Bid Text
294-4475
19.02.2019
xml 5.59 KB
294-4475
13.06.2017
doc 28.50 KB



CAD/CAE-Data

CAD data
2D/3D Models 294-4475



CAE data
WSCAD Universe 294-4475
ZUKEN Portal 294-4475



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

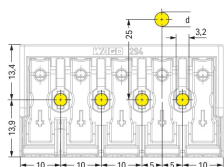


Item No.: 206-294

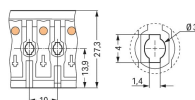
Disconnection tool; green

Installation Notes

Installation

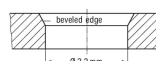


5-pole – with screw-type ground contact,
d ≤ 4.1 mm



Mounting hole for screw

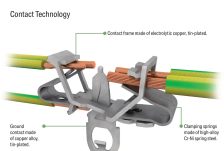
Notice: The maximum thread diameter for self-tapping screws is 3 mm.



Hole for screw mount

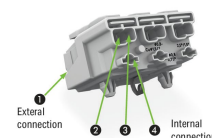
Notice: The maximum thread diameter for self-tapping screws is 3 mm.

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, str [*]
JAPAN
2 x 0.8 ... 2 mm diam. "s"
2 x 0.5 ... 2 mm ² s [*] str, f-str [*]

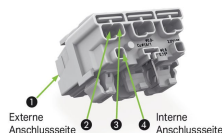


Internal connection:

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.

