

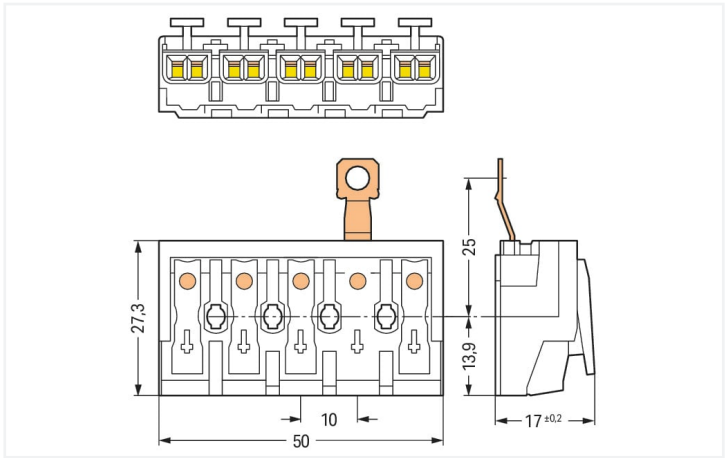
Data Sheet | Item Number: 294-4425

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/294-4425>



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 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 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
Total number of potentials	5	
Number of connection types	4	
PE function	Screw-type PE contact	



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	L´-N´-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	15.9 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	4050821098096
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)	b8775e2f-ffdf-4855-9b7b-ad1c1f6c5be1
SCIP notification number (Belgium)	e48adb5-660d-480b-af8d-eb0790e2c741
SCIP notification number (Bulgaria)	128c23ff-4e9b-4af1-9b0a-373474f7acf4
SCIP notification number (Czech Republic)	99e60a79-5e73-4da1-ba2f-8c922dd706f2
SCIP notification number (Denmark)	c9f715bb-838b-4edc-b656-8514d0d384ea
SCIP notification number (Finland)	3961f862-e4c2-4426-b5dd-014f1d314aa3
SCIP notification number (France)	3f3e1a83-bcac-40d6-8aea-6d7f87e23e00
SCIP notification number (Germany)	19725a31-312d-4b16-938e-2a3864c9bdc6
SCIP notification number (Hungary)	6da50bb5-435f-4d0b-939e-726ba61f4a0f
SCIP notification number (Italy)	644ae09b-3ff8-4368-8d51-8822dc56ab59
SCIP notification number (Netherlands)	ef234446-6edc-4d80-8f27-57516c7a4c8b
SCIP notification number (Poland)	3ac58f3b-3437-4340-9159-f9c3b58154a4
SCIP notification number (Romania)	d6b17c6f-0c3c-4d0c-b03f-b6be2ed63d5f
SCIP notification number (Sweden)	d6e2ae22-2233-4919-b54b-8f6824aefae6



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 294-4425



Documentation

Additional Information
Technical Section
pdf 2240.62 KB



Bid Text
294-4425
19.02.2019
xml 5.59 KB
294-4425
13.06.2017
doc 28.00 KB



CAD/CAE-Data

CAD data
2D/3D Models 294-4425



CAE data
WSCAD Universe 294-4425
ZUKEN Portal 294-4425



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

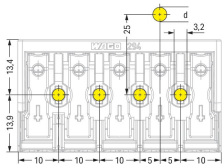
1.1.2.2 Operating tool



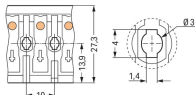
Item No.: 206-294
Disconnection tool; green

Installation Notes

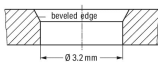
Installation



5-pole – with screw-type ground contact, $d \leq 4.1$ mm

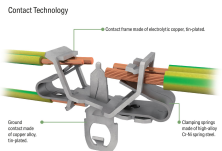


Mounting hole for screw
Notice: The maximum thread diameter for self-tapping screws is 3 mm.



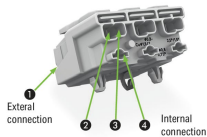
Hole for screw mount
Notice: The maximum thread diameter for self-tapping screws is 3 mm.

Conductor termination



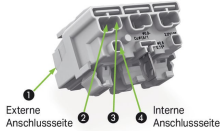
EUROPE
1 x 0.5 ... 2.5 mm ² "s"
1 x 0.5 ... 1.5 mm ² "s"
1 x 0.5 ... 0.75 mm ² "s"
AMERICA
1 x AWG 18 ... 14 "s"
1 x AWG 18 ... 16 "s"
1 x AWG 18 "s"
JAPAN
1 x 0.8 ... 1.6 mm diam. "s"
1 x 0.8 ... 1 mm diam. "s"
1 x 0.8 mm diam. "s"

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.

