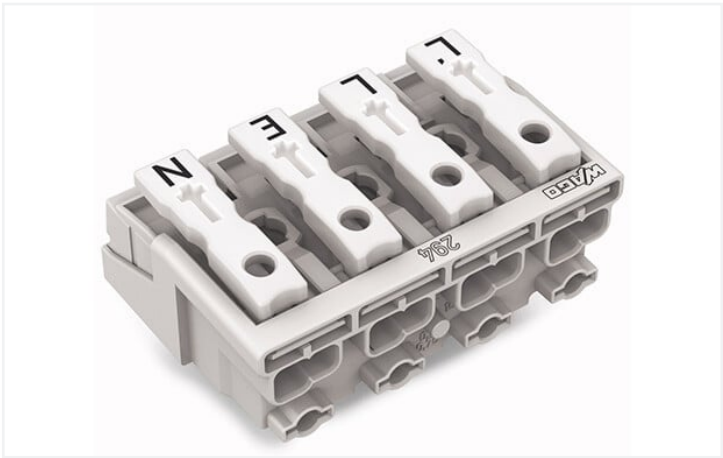


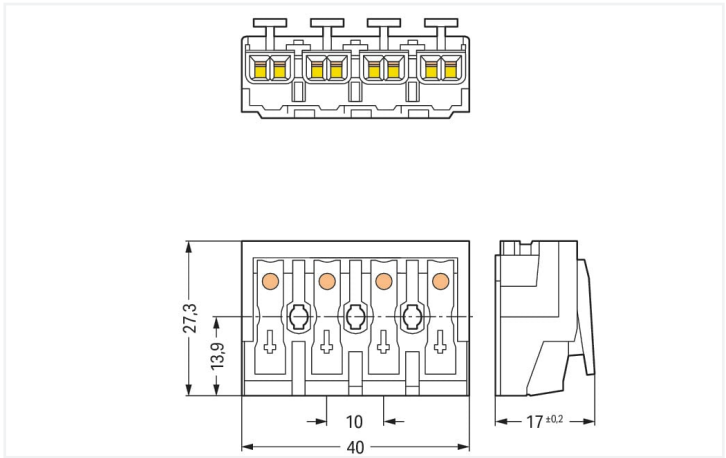
Data Sheet | Item Number: 294-4094/4025-000

Lighting connector; push-button, external; without ground contact; 4-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/294-4094/4025-000>



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	20	Connection type 1	External 1
Total number of potentials	4	Connection technology	Push-in CAGE CLAMP®
Number of connection types	4	Number of connection points	2
PE function	without 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	4
		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		40 mm / 1.575 inches
Height from the surface		17 mm / 0.669 inches

Mechanical data		
Marking		1/L´-2/L-E-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 MJ
Halogen-free		Yes
Weight		12.2 g



Environmental requirements		
Temperature stability		120 °C
T marking		T85
Commercial data		
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)		500 pcs
Packaging type		Foil
Country of origin		CH
GTIN		4055143279185
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)		119c914d-008b-4c2c-8dac-41a2e659d179
SCIP notification number (Belgium)		2a7daf2f-a220-4e4c-ab72-46797cca532b
SCIP notification number (Bulgaria)		dee7d681-2b7e-4c83-a919-89f4a6bd6aaa
SCIP notification number (Czech Republic)		910f4f37-0759-4598-b737-3a144269f562
SCIP notification number (Denmark)		50fbcc41-4c73-41cc-85e6-7f4baee85cce
SCIP notification number (Finland)		fc01b23e-2d56-4c83-8586-cc53a8be0131
SCIP notification number (France)		ff16348f-04b3-44e1-b9b3-565ff7dfea59
SCIP notification number (Germany)		e6dc46cd-c461-46ac-b808-831375a297ac
SCIP notification number (Hungary)		a7e65fc8-7f31-4bf4-b11c-de3396ab215a
SCIP notification number (Italy)		75e868ce-ffc9-43f7-b0b6-4c50517a2e78
SCIP notification number (Netherlands)		89e09a0a-0daa-4e0c-9a58-21898e4bf68d
SCIP notification number (Poland)		bc45c1ba-ec38-4769-932c-056c44ff2856
SCIP notification number (Romania)		ee468c6e-f2df-46f3-8199-47b1aafba85f
SCIP notification number (Sweden)		5e25cfde-8354-4b27-8e9b-f21bff498f07



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
294-4094/4025-000



Documentation

Additional Information

Technical Section	pdf 2240.62 KB	
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Bid Text

294-4094/4025-000	04.01.2018	doc 30.00 KB	
294-4094/4025-000	19.02.2019	xml 5.85 KB	

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

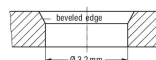
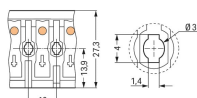
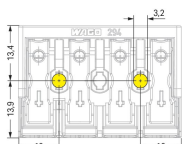


Item No.: 206-294

Disconnection tool; green

Installation Notes

Installation



4-pole – without ground contact

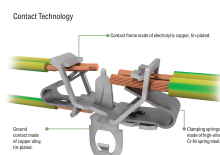
Mounting hole for screw

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

Hole for screw mount

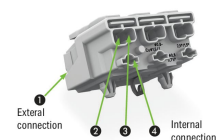
Notice: The maximum thread diameter for self-tapping screws is 3 mm.

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*

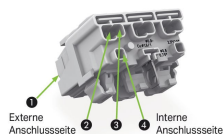


Internal connection:

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.

