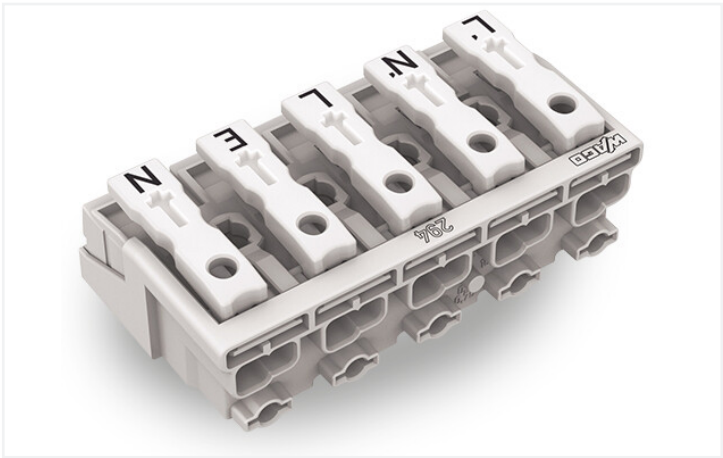


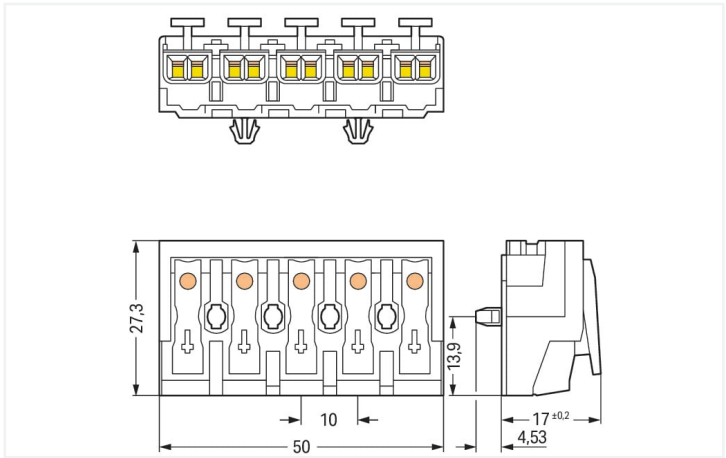
Data Sheet | Item Number: 294-5095/5027-000

Lighting connector; push-button, external; without 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/294-5095/5027-000>



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	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	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	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		21.53 mm / 0.848 inches
Height from the surface		17 mm / 0.669 inches
Depth		27.3 mm / 1.075 inches

Mechanical data	
Marking	L´-N´-L-E-N
Mounting type	Snap-in foot

Material data	
Note (material data)	Information on material specifications can be found here
Color	white
Material group	IIa
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	15.2 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)	250 pcs
Packaging type	Foil
Country of origin	CH
GTIN	4055143279277
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)	1c8346a1-5ec9-4d87-954d-38ac32a4a092
SCIP notification number (Belgium)	c757a47e-c291-44e4-871b-f12d6aa66407
SCIP notification number (Bulgaria)	f2c122c1-3b36-4c6f-89e2-9fd2ea30d2c8
SCIP notification number (Czech Republic)	0fc77eeb-b567-4f8e-ad47-dbe58bb786f3
SCIP notification number (Denmark)	8aeaab88-8182-4f7b-ac4d-3fa06305bab4
SCIP notification number (Finland)	4392427e-4e17-4f05-b80c-4b8b73ee20ed
SCIP notification number (France)	186e2816-2197-48ad-895e-541f8e8a46
SCIP notification number (Germany)	6cb8b55d-f326-47c6-8d71-aa1be8dcb070
SCIP notification number (Hungary)	c037bbe7-0e68-48ea-b555-42ae348cb319
SCIP notification number (Italy)	46ccbf28-ac4d-4623-9b22-344041addb26
SCIP notification number (Netherlands)	530bb28b-aaf8-4924-a550-eb39060ac6a6
SCIP notification number (Poland)	a5bc89d4-b354-4eee-8fcd-b6d66b854fee
SCIP notification number (Romania)	89403c40-87a1-4b91-8739-2f28c9d543dd
SCIP notification number (Sweden)	3ac55076-70a3-40f1-988b-a1deaf4fc8cf



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
294-5095/5027-000



Documentation

Additional Information

Technical Section	pdf 2240.62 KB	
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Bid Text

294-5095/5027-000	19.02.2019	xml 5.85 KB	
294-5095/5027-000	04.01.2018	doc 30.50 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

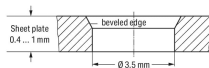
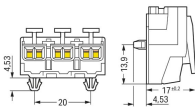
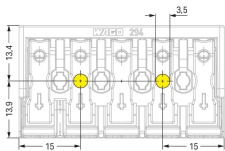
1.1.2.2 Operating tool



Item No.: 206-294
Disconnection tool; green

Installation Notes

Installation

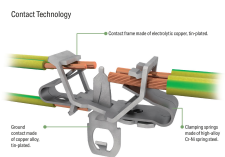


5-pole – without ground contact

Snap-in foot

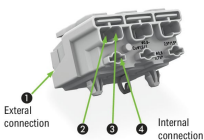
Drilled hole for snap-in mounting foot

Conductor termination



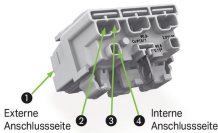
EUROPE
1 x 0.5 ... 2.5 mm ² "s"
1 x 0.5 ... 1.5 mm ² "s"
1 x 0.5 ... 0.75 mm ² "s"
AMERICA
1 x AWG 18 ... 14 "s"
1 x AWG 18 ... 16 "s"
1 x AWG 18 "s"
JAPAN
1 x 0.8 ... 1.6 mm diam. "s"
1 x 0.8 ... 1 mm diam. "s"
1 x 0.8 mm diam. "s"

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.

