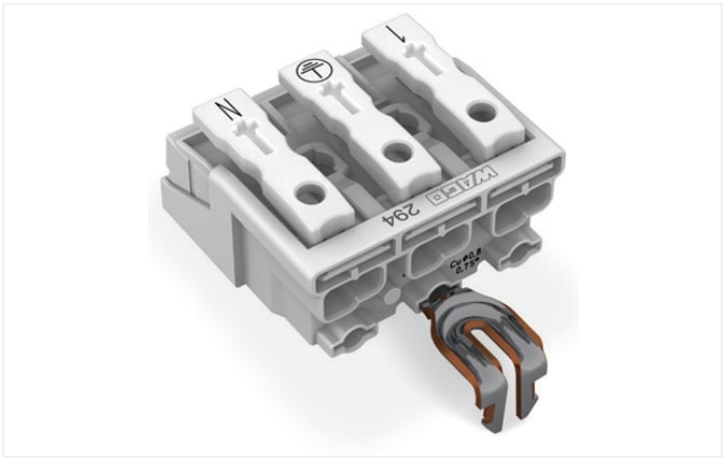


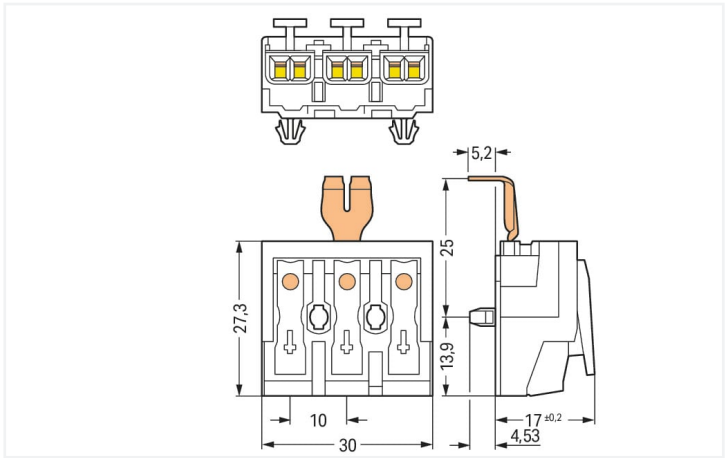
Data Sheet | Item Number: 294-5253

Lighting connector; push-button, external; with snap-in ground contact; 3-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/294-5253>



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	15	Connection 1							
Total number of potentials	3	Connection type 1	External 1						
Number of connection types	4	Connection technology	Push-in CAGE CLAMP®						
PE function	Snap-in 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	3						
		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		30 mm / 1.181 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	1- -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	0.366 MJ
Halogen-free	Yes
Weight	19.4 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)	500 pcs
Packaging type	Bag
Country of origin	PL
GTIN	4050821098454
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)	ba7604b2-1b00-4567-8dcc-c83b7d43d637
SCIP notification number (Belgium)	47774923-1464-4ac6-8162-e14a947dc5d0
SCIP notification number (Bulgaria)	8cb83105-0d20-4276-9db7-5b24ace4073c
SCIP notification number (Czech Republic)	3dae8509-832d-47c4-b6d7-281adaa46828
SCIP notification number (Denmark)	0761a5ac-977e-4400-a01f-c7003aa0bd17
SCIP notification number (Finland)	0c0d4c9f-976f-4071-924d-e47b435dd645
SCIP notification number (France)	156626d3-aa5d-4143-9fc5-2e9abcbdd4e0c
SCIP notification number (Germany)	e7a6eb6d-74f7-41c2-bc01-eff57bcf769e
SCIP notification number (Hungary)	c6add8e2-7564-43d3-a33a-e1022b2f83a2
SCIP notification number (Italy)	3efbc35d-7fdc-42a2-b9d4-0380a7f27688
SCIP notification number (Netherlands)	7a02ca8a-dfd5-49dd-88f2-8e0c8debd532
SCIP notification number (Poland)	b0589471-dd81-4b2c-8fa2-9a7bbb6d890b
SCIP notification number (Romania)	486f87c0-5104-4f43-b2f7-15bca369ce3c
SCIP notification number (Sweden)	13a7d398-638f-4036-b2f6-b3034c8412d3



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 294-5253



Documentation

Additional Information
Technical Section
pdf 2240.62 KB



Bid Text
294-5253
13.06.2017
doc 28.00 KB
294-5253
19.02.2019
xml 5.58 KB



CAD/CAE-Data

CAD data
2D/3D Models 294-5253



CAE data
WSCAD Universe 294-5253
ZUKEN Portal 294-5253



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

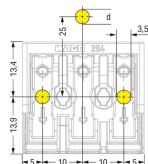


Item No.: 206-294

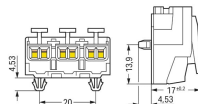
Disconnection tool; green

Installation Notes

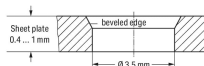
Installation



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

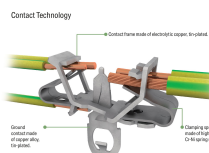


Snap-in foot



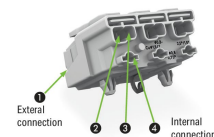
Drilled hole for snap-in mounting foot

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"

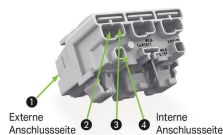
EUROPE
2 x 0.5 ... 2.5 mm ² s, str, f-str*
AMERICA
2 x AWG 18 ... 12 "s"
2 x AWG 18 ... 14 "s, f-str*
JAPAN
2 x 0.8 ... 2 mm diam. "s"
2 x 0.5 ... 2 mm ² str, f-str*



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

Internal connection:

PUSH WIRE® for internal wiring with solid conductors



External connection:

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

