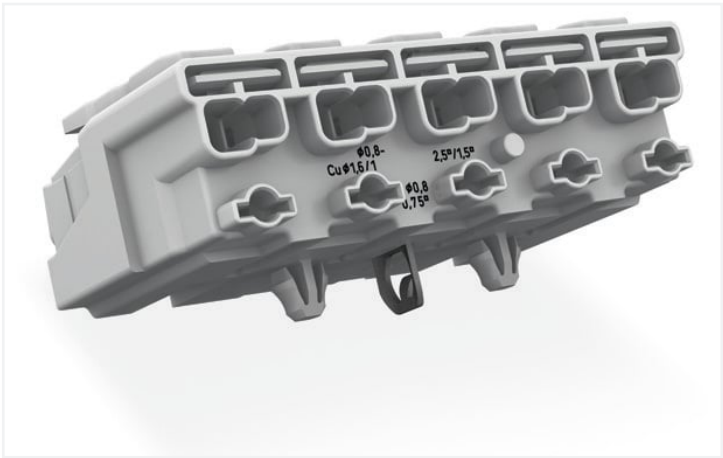


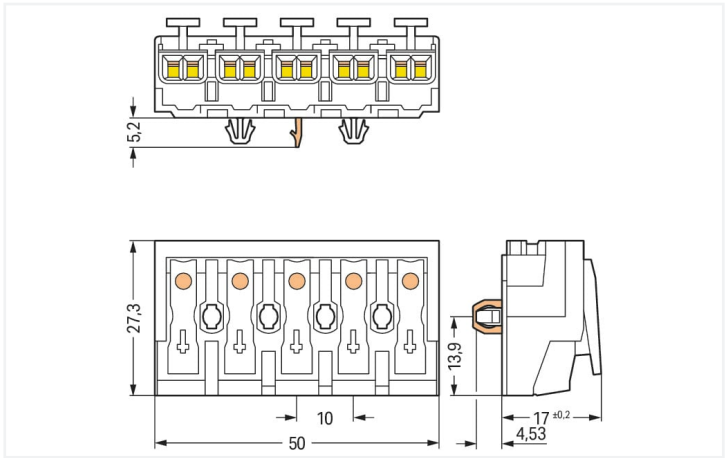
Data Sheet | Item Number: 294-5155

Lighting connector; push-button, external; with direct 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/294-5155>



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	Direct 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	3-N- -1-2
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	0.304 MJ
Halogen-free	Yes
Weight	15.5 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	Foil
Country of origin	CH
GTIN	4050821098379
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)	775a5638-e940-45b3-a08f-a56bfc1b28bd
SCIP notification number (Belgium)	f62981f8-3d7b-4b7d-8d8c-c9908ff1f9e0
SCIP notification number (Bulgaria)	82f216d9-32dd-44ca-9085-83a6e85ec5a8
SCIP notification number (Czech Republic)	124c2166-1f8f-421c-a65d-2374f7a2698e
SCIP notification number (Denmark)	13fb5714-ba0b-4f12-b757-57cdabc631cc
SCIP notification number (Finland)	cc921434-ebb5-448d-9ab9-af9148eba72c
SCIP notification number (France)	930e2b9a-94dc-4760-949d-6b66d4815db2
SCIP notification number (Germany)	69d52c8f-9349-41bf-945e-dd3d94127a71
SCIP notification number (Hungary)	130073bb-55ec-4d07-949b-dd7175f6b8cf
SCIP notification number (Italy)	7a27431d-d1a9-430b-be72-5687ee597af7
SCIP notification number (Netherlands)	d11212a9-36ee-44b4-a44c-ac5d91b1e956
SCIP notification number (Poland)	064edbbd-ce61-4ee2-b479-8ddb838b9b01
SCIP notification number (Romania)	a9e91566-1011-4d25-ab87-973bb594d60c
SCIP notification number (Sweden)	b7547f7d-2860-48f1-94de-29a81e6041f2



Approvals / Certificates

General approvals

Declarations of conformity and manufacturer's declarations



Approval	Standard	Certificate Name
ENEC 05 DEKRA Certification B.V.	EN 60998	2128791.01

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 294-5155

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Documentation

Additional Information

Technical Section pdf
2240.62 KB

↓

Bid Text

294-5155	13.06.2017	doc 28.50 KB	↓
294-5155	19.02.2019	xml 5.58 KB	↓

CAD/CAE-Data

CAD data

2D/3D Models
294-5155

↓

CAE data

WSCAD Universe
294-5155

↓

ZUKEN Portal
294-5155

↓

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
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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

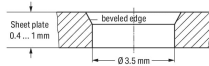
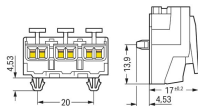
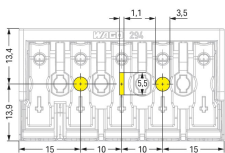
1.1.2.2 Operating tool



Item No.: 206-294
Disconnection tool; green

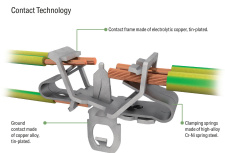
Installation Notes

Installation



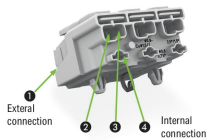
- 5-pole – with direct ground contact
- Snap-in foot
- Drilled hole for snap-in mounting foot

Conductor termination



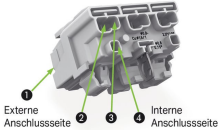
EUROPE
1 x 0.5 ... 2.5 mm ² "s"
1 x 0.5 ... 1.5 mm ² "s"
1 x 0.5 ... 0.75 mm ² "s"
AMERICA
1 x AWG 18 ... 14 "s"
1 x AWG 18 ... 16 "s"
1 x AWG 18 "s"
JAPAN
1 x 0.8 ... 1.6 mm diam. "s"
1 x 0.8 ... 1 mm diam. "s"
1 x 0.8 mm diam. "s"

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"



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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

