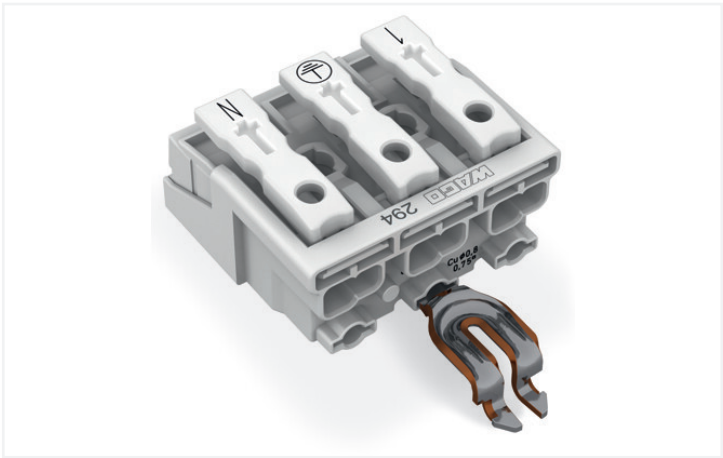


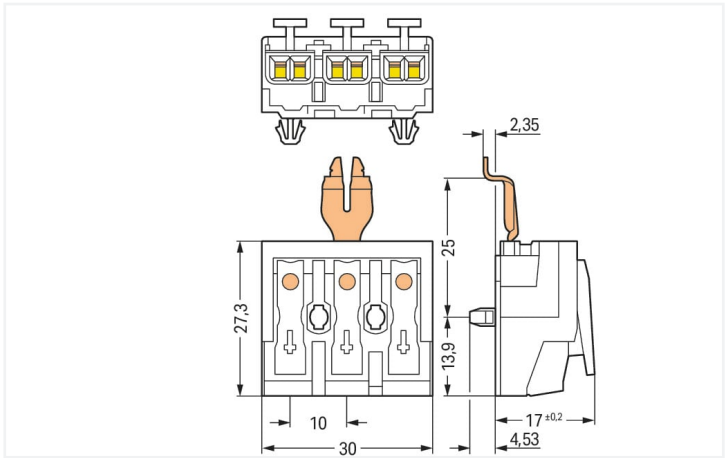
Data Sheet | Item Number: 294-5353

Lighting connector; push-button, external; with angled 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/294-5353>



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 <table><tr><td>Connection type 1</td><td>External 1</td></tr><tr><td>Connection technology</td><td>Push-in CAGE CLAMP®</td></tr><tr><td>Number of connection points</td><td>2</td></tr><tr><td>Actuation type</td><td>Push-button</td></tr><tr><td>Connectable conductor materials</td><td>Copper</td></tr><tr><td>Solid conductor</td><td>0.5 ... 2.5 mm² / 18 ... 12 AWG</td></tr><tr><td>Solid conductor; push-in termination</td><td>0.5 ... 2.5 mm² / 18 ... 12 AWG</td></tr><tr><td>Stranded conductor</td><td>0.5 ... 2.5 mm² / 18 ... 14 AWG</td></tr><tr><td>Fine-stranded conductor</td><td>0.5 ... 2.5 mm² / 18 ... 14 AWG</td></tr><tr><td>Fine-stranded conductor; with insulated ferrule</td><td>0.5 ... 1.5 mm² / 18 ... 16 AWG</td></tr><tr><td>Fine-stranded conductor; with uninsulated ferrule</td><td>0.5 ... 1.5 mm² / 18 ... 16 AWG</td></tr><tr><td>Fine-stranded conductor; with ferrule; push-in termination</td><td>0.5 mm² / 18 AWG</td></tr><tr><td>Strip length</td><td>8 ... 9 mm / 0.31 ... 0.35 inches</td></tr><tr><td>Pole number</td><td>3</td></tr><tr><td>Wiring direction</td><td>Side-entry wiring</td></tr></table>	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	3	Wiring direction	Side-entry wiring
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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																															
Total number of potentials	3																															
Number of connection types	4																															
PE function	Angled snap-in 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

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		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	0.183 MJ
Halogen-free	Yes
Weight	10.2 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	4050821098546
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)	545a0629-0623-46a4-b706-866215091ad3
SCIP notification number (Belgium)	0ca6fbb3-2fc1-4abf-9f56-a48c63d67d6a
SCIP notification number (Bulgaria)	137cb973-58eb-47e5-9b9d-2c115928db17
SCIP notification number (Czech Republic)	2544f902-d87e-4414-be00-626984812f6c
SCIP notification number (Denmark)	a201d2d5-e121-417c-82ea-3b68a0f55759
SCIP notification number (Finland)	64feb2a8-8ae6-4fdf-ac8b-28879a7591df
SCIP notification number (France)	0c76015c-fcac-4cbf-9be5-286425d869cf
SCIP notification number (Germany)	e25fa7f2-8017-4dd8-a420-488b4e45e3cb
SCIP notification number (Hungary)	5a6f057a-d892-405f-bb93-cc8c3f58c7bf
SCIP notification number (Italy)	3df5172a-c3c2-42c6-a710-6d6fec4584d2
SCIP notification number (Netherlands)	f1ee6a00-83af-42b2-887a-9da4bdfcc4f0
SCIP notification number (Poland)	28617ec5-dc3d-439b-9617-b91156129885
SCIP notification number (Romania)	92166721-6087-46f9-aed2-3f6fd784dae9
SCIP notification number (Sweden)	c5cbb17e-6927-4638-bba4-2b65d920e190



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 294-5353



Documentation

Additional Information
Technical Section
pdf 2240.62 KB



Bid Text			
294-5353	19.02.2019	xml 5.59 KB	↓
294-5353	13.06.2017	doc 28.00 KB	↓



CAD/CAE-Data

CAD data
2D/3D Models 294-5353



CAE data
WSCAD Universe 294-5353
ZUKEN Portal 294-5353



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

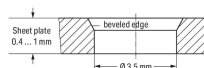
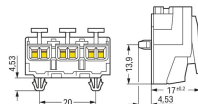
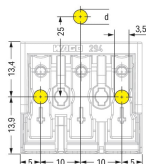


Item No.: 206-294

Disconnection tool; green

Installation Notes

Installation

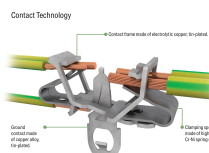


3-pole – with snap-in ground contact, d = 4.9 mm

Snap-in foot

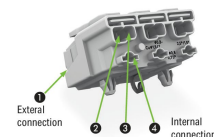
Drilled hole for snap-in mounting foot

Conductor termination

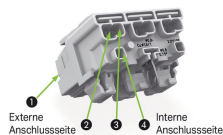


EUROPE
1x 0.5 ... 2.5 mm ² "S"
1x 0.5 ... 1.5 mm ² "S"
1x 0.5 ... 0.75 mm ² "S"
AMERICA
1x AWG 18 ... 14 "S"
1x AWG 18 ... 16 "S"
1x AWG 18 "S"
JAPAN
1x 0.8 ... 1.6 mm diam. "S"
1x 0.8 ... 1 mm diam. "S"
1x 0.8 mm diam. "S"

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*



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.

