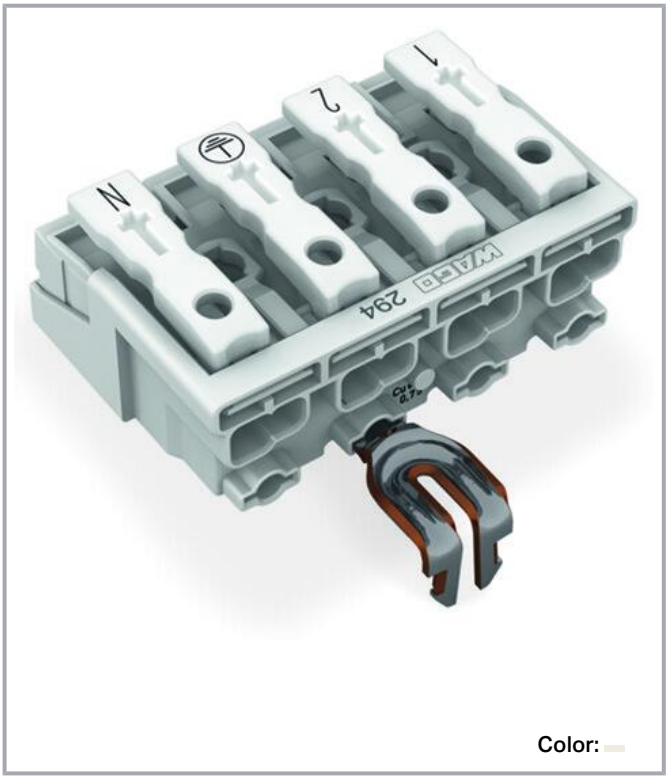
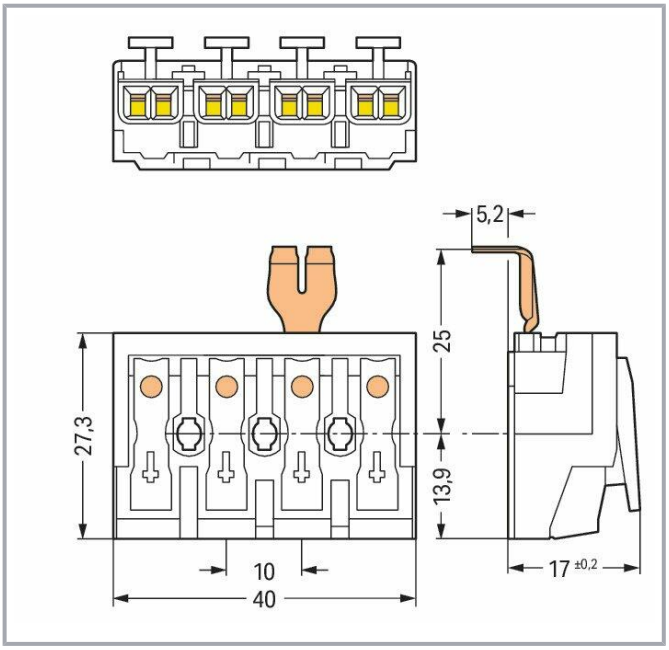
Data sheet | Item number: 294-4214

Lighting connector; push-button, external; with snap-in 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

www.wago.com/294-4214



Color:



Item description

- 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

Data

Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 60998-1
Nominal voltage (II/2)	500 V

Subject to changes. Please also observe the further product documentation!

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Rated surge voltage (II/2)	4 kV
Rated current	24 A
Legend (ratings)	(II / 2) ≙ Overvoltage category II / Pollution degree 2

Ratings per IEC/EN – Notes

Ratings (note)	Connection points

Ratings per IEC/EN 2

Ratings per 2	IEC/EN 60998-2-2
Ratings (note) 2	Connection points
Rated voltage (II/2) 2	500 V
Rated surge voltage (II/2) 2	4 kV
Rated current 2	24 A

Connection data

Connection points	20
Total number of potentials	4
Number of connection types	4
PE function	Snap-in PE contact

Connection 1

Connection type 1	External 1
Connection technology	Push-in CAGE CLAMP®
Number of connection points	2
Actuation type	Push-button
Connectable conductor materials	Copper 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

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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 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 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

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	40 mm / 1.575 inches
Height from the surface	17 mm / 0.669 inches
Depth	27.3 mm / 1.075 inches

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Mechanical data

Marking	1-2-⏚-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	0.24 MJ
Halogen-free	Yes
Weight	13.2 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
ECCN	NO DATA
PU (SPU)	500 pcs
Packaging type	Bag
Country of origin	PL
GTIN	4050821097853
Customs tariff number	85369010000

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Environmental Product Compliance

REACH Candidate List Substance	Perfluorobutane sulfonic acid (PFBS) and its salts
RoHS Compliance Status	Compliant,No Exemption
SCIP notification number (Austria)	ef2fa8a1-cb3e-4544-bc9f-e626f3a7502c
SCIP notification number (Belgium)	db287f4d-5587-4e3e-8acb-c52b7f0789cc
SCIP notification number (Bulgaria)	c61f05ec-da43-44ac-871c-1ee98029bfed
SCIP notification number (Czech Republic)	5ef660cc-426a-46fb-9303-93ec4b520bf7
SCIP notification number (Denmark)	123c5594-5116-48b2-ba83-6d2a99ba109b
SCIP notification number (Finland)	e6055f42-1cf7-4494-bec3-960b14f25b1b
SCIP notification number (France)	9c897da2-7d31-4155-af12-31a2d4fa8059
SCIP notification number (Germany)	b796d8d2-4b54-4a17-98e4-3321a5afebf8
SCIP notification number (Hungary)	e5297cfd-32a9-4f83-8380-9d727ae709ab
SCIP notification number (Italy)	dfd9e26b-e5ef-4723-9ce3-616593d34a80
SCIP notification number (Netherlands)	ef4c56d6-a7b7-42b6-ad87-a3531f662a2e
SCIP notification number (Poland)	b33e9158-f29c-4c09-86cc-043b6f0839c9
SCIP notification number (Romania)	e276c332-687e-4e04-86ce-d9abc82565ac
SCIP notification number (Sweden)	75e1200e-097d-4c02-8529-432d44d0f45a

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	ENEC 05 DEKRA Certification B.V.	EN 60998	2128791.01

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
	UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

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Optional accessories

Strain relief

Strain relief		
	Item no.: 294-370 Strain relief; for 294 Series; with snap-in mounting feet; white	www.wago.com/294-370
	Item no.: 294-375 Strain relief; for 294 Series; without snap-in mounting feet; white	www.wago.com/294-375
Strain relief plate		
	Item no.: 294-364 Strain relief plate; for 294 Series; for multicore cables; 3- to 5-pole; with secured clamp; white	www.wago.com/294-364
	Item no.: 294-384 Strain relief plate; for 294 Series; for single strands; 3- to 5-pole; with secured clamp; white	www.wago.com/294-384

Tool

Operating tool		
	Item no.: 206-294 Disconnection tool; green	www.wago.com/206-294

Downloads

Documentation

Bid Text

294-4214 X81 - Datei	2019 年2月19 日	xml 5.7 kB	Download
294-4214 doc - Datei	2017 年6月13 日	doc 28.7 kB	Download

Additional Information

		pdf 2.3 MB	Download

CAD/CAE-Data

CAD data

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2D/3D Models 294-4214	URL	Download

CAE data

WSCAD Universe 294-4214	URL	Download
ZUKEN Portal 294-4214	URL	Download

Asset Administration Shell

Asset Administration Shell 294-4214	URL	Download

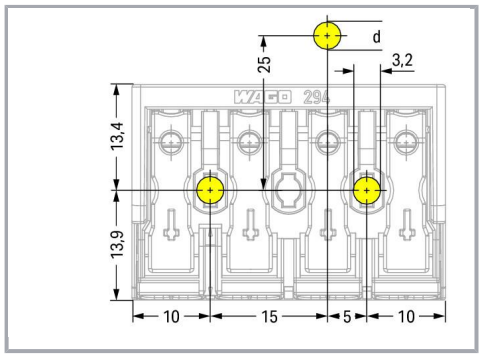
Environmental Product Compliance

Compliance Search

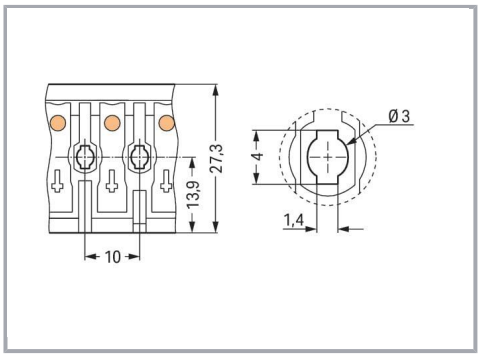
Environmental Product Compliance 294-4214	URL	Download
Lighting connector; push-button, external; with snap-in ground contact; 4-pole; Lighting side: for solid conductors; Inst. side: for all conductor types; max. 2.5 mm²; Surrounding air temperature: max 85°C (T85); 2,50 mm²; white		

Installation Notes

Installation

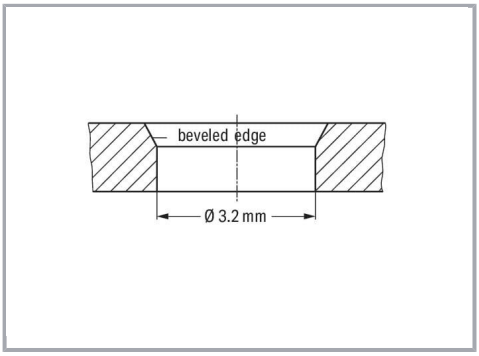


4-pole – with snap-in ground contact, d = 4.9 mm



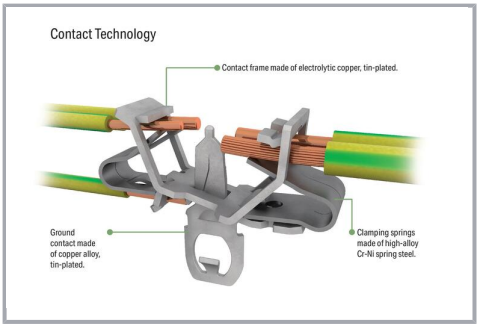
Mounting hole for screw
Notice: The maximum thread diameter for self-tapping screws is 3 mm.

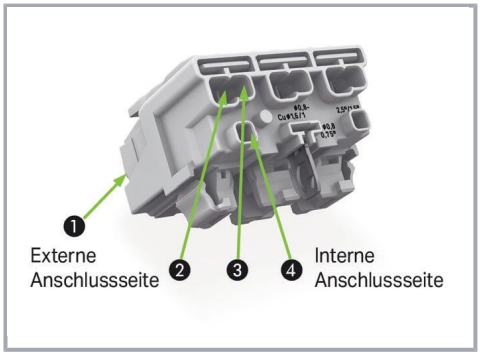
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Hole for screw mount
Notice: The maximum thread diameter for self-tapping screws is 3 mm.

Conductor termination





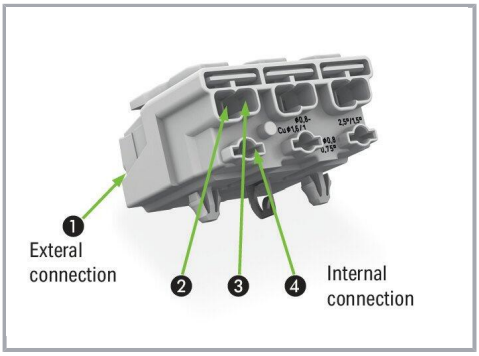
EUROPE
1 x 0.5 … 2.5 mm² "s"
1 x 0.5 … 1.5 mm² "s"
1 x 0.5 … 0.75 mm² "s"
AMERICA
1 x AWG 18 … 14 "s"
1 x AWG 18 … 16 "s"
1 x AWG 18 "s"
JAPAN
1 x 0.8 … 1.6 mm diam. "s"
1 x 0.8 … 1 mm diam. "s"
1 x 0.8 mm diam. "s"

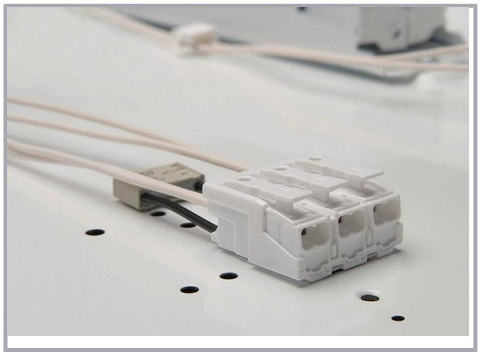
Internal connection:
PUSH WIRE® for internal wiring with solid conductors

EUROPE
2 x 0.5 … 2.5 mm² "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 mm² "str, f-str"

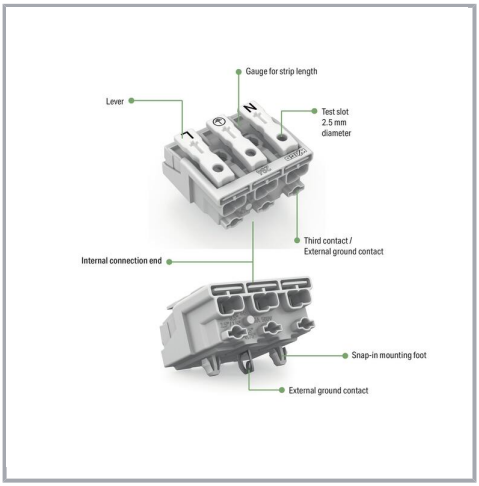
External connection:
Push-in CAGE CLAMP® for field-wiring with all conductor types

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



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