

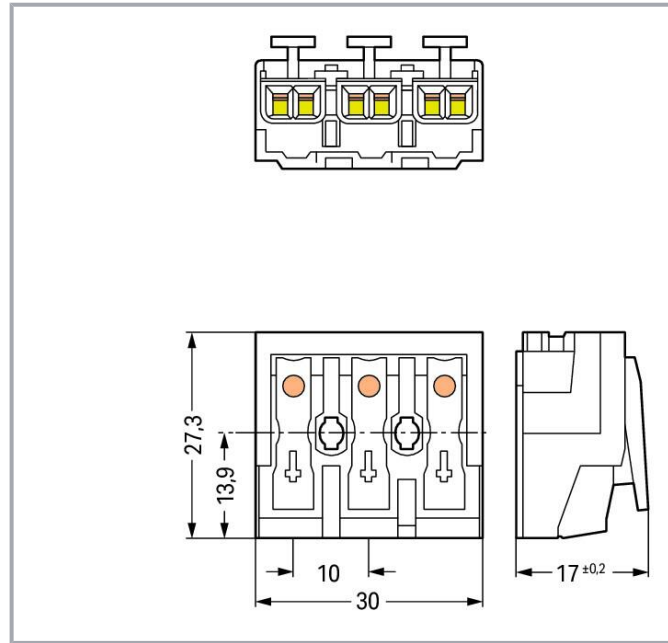
Data sheet | Item number: 294-4043

Lighting connector; push-button, external; without 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

www.wago.com/294-4043



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 (U/I/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) $\triangleq$ Overvoltage category II / Pollution degree 2

Ratings per IEC/EN – Notes

Ratings (note)	Connection points
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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	15
Total number of potentials	3
Number of connection types	4
PE function	without 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
Solid conductor	0.5 ... 2.5 mm ² / 18 ... 12 AWG
Solid conductor; push-in termination	0.5 ... 2.5 mm ² / 18 ... 12 AWG
Stranded conductor	0.5 ... 2.5 mm ² / 18 ... 14 AWG
Fine-stranded conductor	0.5 ... 2.5 mm ² / 18 ... 14 AWG
Fine-stranded conductor; with insulated ferrule	0.5 ... 1.5 mm ² / 18 ... 16 AWG
Fine-stranded conductor; with uninsulated ferrule	0.5 ... 1.5 mm ² / 18 ... 16 AWG
Fine-stranded conductor; with ferrule; push-in termination	0.5 mm ² / 18 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches
Pole number	3
Wiring direction	Side-entry wiring

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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 mm ² / 18 ... 14 AWG
Fine-stranded conductor; with insulated ferrule 2	0.5 ... 1 mm ² / 18 ... 16 AWG
Fine-stranded conductor; with uninsulated ferrule 2	0.5 ... 1.5 mm ² / 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 mm ² / 18 ... 16 AWG
Fine-stranded conductor; with insulated ferrule 3	0.5 ... 0.75 mm ² / 18 AWG
Fine-stranded conductor; with uninsulated ferrule 3	0.5 ... 1 mm ² / 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 mm ² / 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 from the surface	17 mm / 0.669 inches
Depth	27.3 mm / 1.075 inches

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Mechanical Data

Marking	3-2-1
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	0.182 MJ
Halogen-free	Yes
Weight	9.2 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	Foil
Country of origin	CH
GTIN	4050821097761
Customs tariff number	85369010000

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

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)	2747887b-3e3e-4792-9488-ae33631b77af
SCIP notification number (Belgium)	a4923695-1d15-4b86-a373-c551f41c470f
SCIP notification number (Bulgaria)	07a56b36-f000-4257-a110-12d9cdb35625
SCIP notification number (Czech Republic)	2b724765-3011-4295-aa9d-0604d3c1b6e1
SCIP notification number (Denmark)	c3f9b6e8-7480-4a4b-8daa-4913accd5557
SCIP notification number (Finland)	1dbd75fe-998e-485c-80e4-dd342439915b
SCIP notification number (France)	b0a84008-bef0-4ece-884f-845d2a6c57e3
SCIP notification number (Germany)	2d9e8228-8612-4271-a99e-43355d79db77
SCIP notification number (Hungary)	c9970d1d-24fd-4b6d-a621-446f3131d186
SCIP notification number (Italy)	72a380be-2c96-46aa-8274-a32a9895e7a0
SCIP notification number (Netherlands)	402f44ed-e4cd-4732-be34-e42a831ed337
SCIP notification number (Poland)	57f12f47-4c16-4ef1-bfef-6be98d56a14a
SCIP notification number (Romania)	e66abd6a-fcfa-46b1-af80-f6ac1250848c
SCIP notification number (Sweden)	1d7e9216-ba3f-4af5-aecf-fb30bfb36d0b

Approvals / Certificates

General approvals

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

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

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	-	-

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

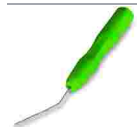
Item no.: 294-384

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

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X81 - Datei		5.7 kB	

294-4043	2017 Jun 13	doc	Download
doc - Datei		27.6 kB	

Additional Information

pdf	Download
2.3 MB	

CAD/CAE-Data**CAD data**

2D/3D Models 294-4043	URL	Download
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CAE data

WSCAD Universe 294-4043	URL	Download
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ZUKEN Portal 294-4043	URL	Download
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Asset Administration Shell

Asset Administration Shell 294-4043	URL	Download
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Environmental Product Compliance**Compliance Search**

Environmental Product Compliance 294-4043	URL	Download
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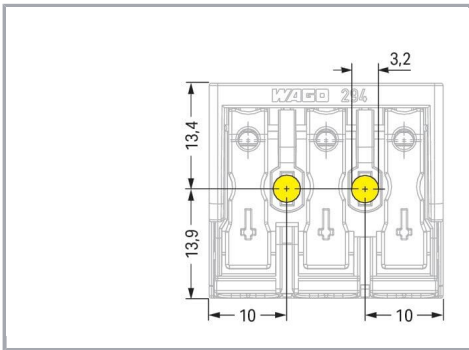
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Installation Notes**Installation**

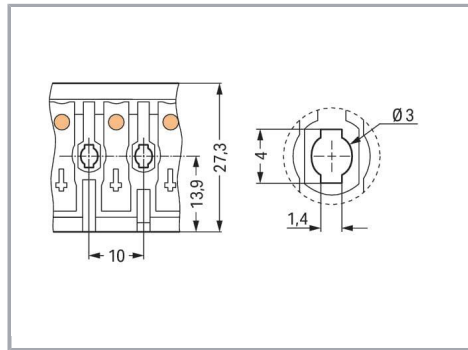
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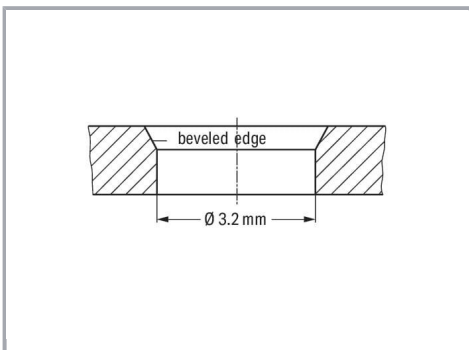


3-pole – without ground contact



Mounting hole for screw

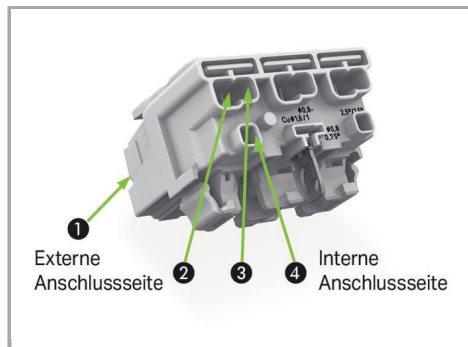
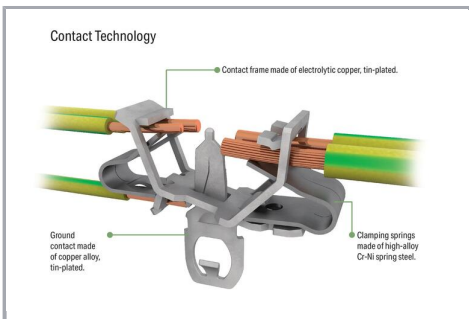
Notice: The maximum thread diameter for self-tapping screws is 3 mm.



Hole for screw mount

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

Conductor termination

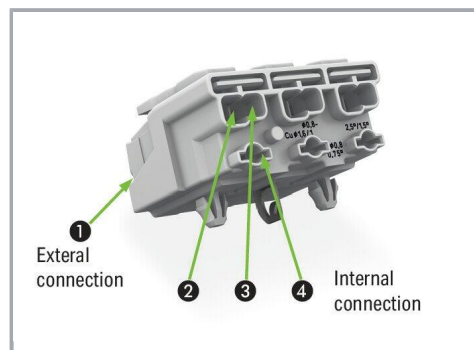


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EUROPE
1 x 0.5 ... 2.5 mm ² "s"
1 x 0.5 ... 1.5 mm ² "s"
1 x 0.5 ... 0.75 mm ² "s"
AMERICA
1 x AWG 18 ... 14 "s"
1 x AWG 18 ... 16 "s"
1 x AWG 18 "s"
JAPAN
1 x 0.8 ... 1.6 mm diam. "s"
1 x 0.8 ... 1 mm diam. "s"
1 x 0.8 mm diam. "s"

Internal connection:

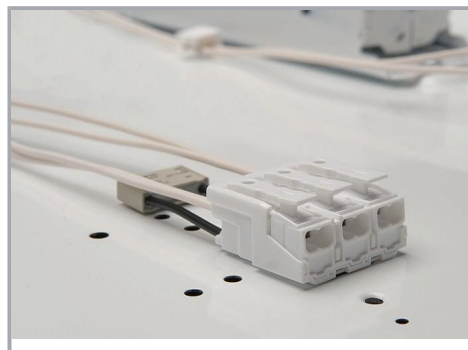
PUSH WIRE® for internal wiring with solid conductors



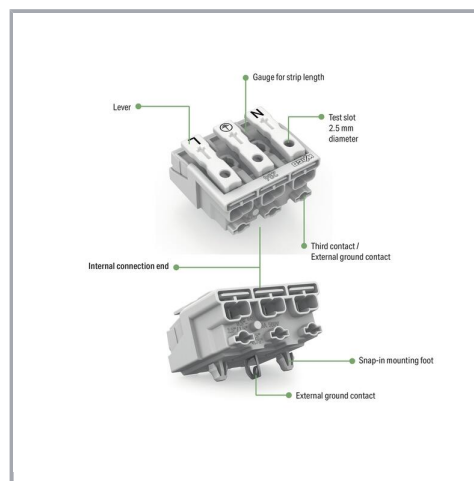
EUROPE
2 x 0.5 ... 2.5 mm ² "s, str, f-str"
AMERICA
2 x AWG 18 ... 12 "s"
2 x AWG 18 ... 14 "s, f-str"
JAPAN
2 x 0.8 ... 2 mm diam. "s"
2 x 0.5 ... 2 mm ² "str, f-str"

External connection:

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



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



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