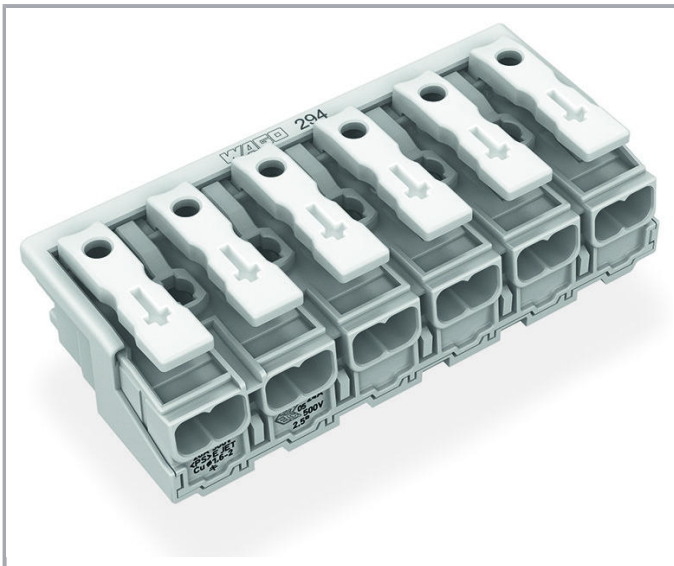
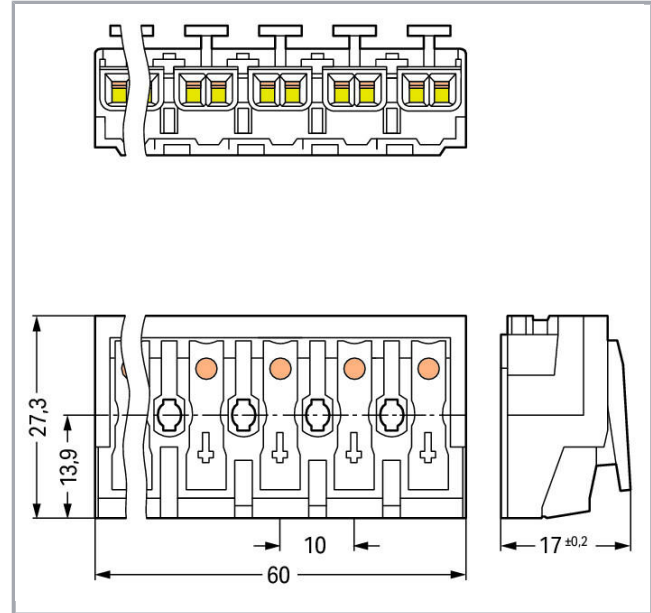
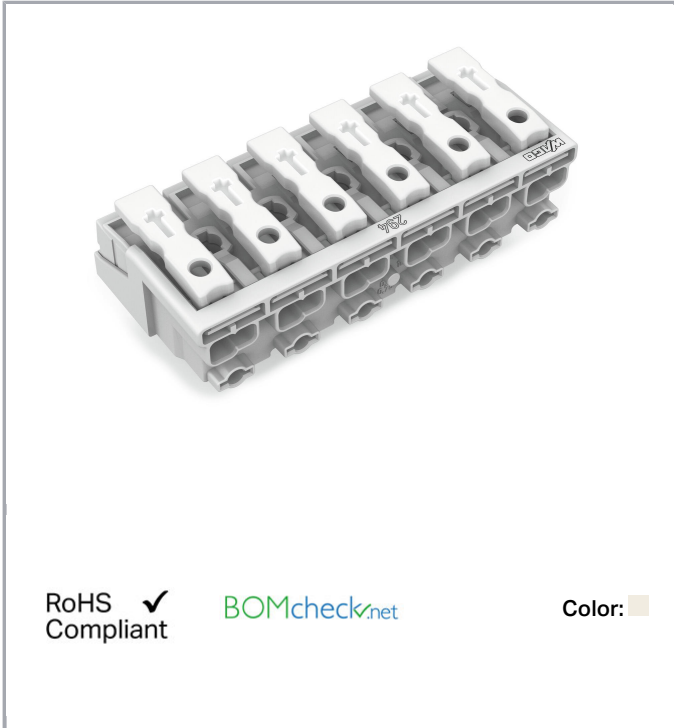


Data sheet | Item number: 294-4006

Lighting connector; push-button, external; without ground contact; 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/294-4006



Item description

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

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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



- External connection of solid, stranded and fine-stranded conductors
- Universal conductor termination (AWG, metric)
- Third contact at bottom
- Strain relief plate can be retrofitted

Data

Electrical data

Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60998-1
Ratings note	Connection points
Rated voltage (II / 2)	500 V
Rated impulse voltage (II / 2)	4 kV
Rated current	24 A
Ratings according to 2	IEC/EN 60998-2-2
Ratings note 2	Connection points
Rated voltage (II / 2) 2	500 V
Rated impulse voltage (II / 2) 2	4 kV
Rated current (2)	24 A
Rated current (3)	16 A
Legend (ratings)	(II / 2) ≙ Overvoltage category II / Pollution degree 2

Connection data

Connection type (1)	External 1
Connection technology	Push-in CAGE CLAMP®
Number of connection points (connection type)	2
Actuation type	Operating tool 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 ferrule with plastic collar	0,5 ... 1,5 mm ² / 18 ... 16 AWG
Fine-stranded conductor with ferrule without plastic collar	0,5 ... 1,5 mm ² / 18 ... 16 AWG

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



Fine-stranded conductor with ferrule, push-in termination, from	0,5 mm ² / 18 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inch
No. of poles	6
Connection type (2)	Internal 2
Connection technology 2	PUSH WIRE®
Number of connection points	1
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 inch
Connection type (3)	Internal 3
Number of connection points	1
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 0.5 ... 0.75mm ² / 18 AWG
Fine-stranded conductor with uninsulated ferrule (3)	0,5 ... 1 mm ² / 18 AWG
Connection type (4)	Internal 4
Number of connection points	1
Solid conductor (4)	0,5 ... 0,75 mm ² / 18 AWG
Total number of connection points	30
Total number of potentials	6
Number of connection types	4
Type of wiring	Side-entry wiring

Geometrical Data

Pin spacing	10 mm / 0.394 inch
Width	60 mm / 2.362 inch
Height from the surface	17 mm / 0.669 inch
Depth	27,3 mm / 1.075 inch

Mechanical data

Marking	plain
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Material Data

Color	white
Material group	III a
Insulating material	Polycarbonate (PC)

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

Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E _{Cu})
Contact plating	tin-plated
Fire load	0.359 MJ
Weight	18.2 g

Environmental Requirements


Temperature stability	120 °C
T-Kennzeichnung	T85

Commercial data

Product Group	8 (Misc. Chassis Mount Blocks)
Packaging type	lamination
Country of origin	CH
GTIN	4050821097631
Customs Tariff No.	85369010000

Approvals / Certificates


Country specific Approvals

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

Counterpart

Compatible products

tools



	Item no.: 206-294 Disconnection tool	www.wago.com/206-294
	Item no.: 294-199 Operating tool; for pressing the snap-in mounting feet into the mounting plate; For fitting ground	www.wago.com/294-199

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



contacts; for 294 Series

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.: 294-370 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
	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

Downloads

Documentation

Additional Information

Technical explanations	Apr 3, 2019	pdf 2.1 MB	Download
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CAD/CAE-Data

CAD data

2D/3D Models 294-4006	URL	Download
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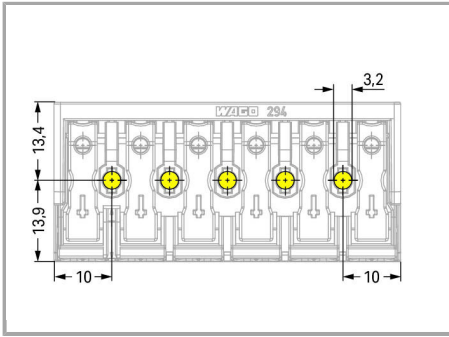
CAE data

WSCAD Universe 294-4006	URL	Download
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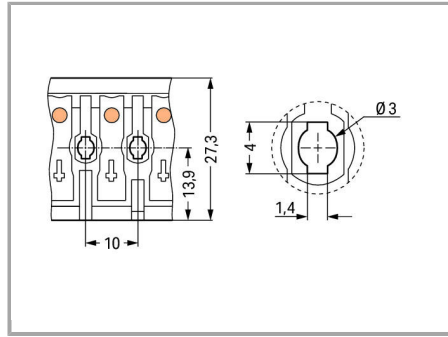
Installation Notes

Installation

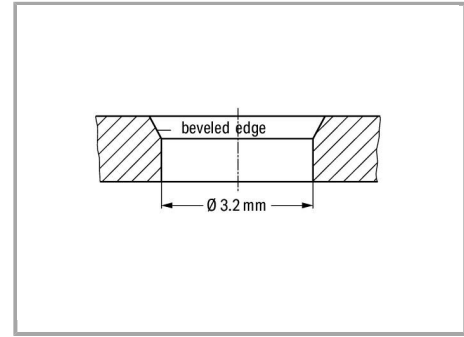
Subject to changes. Please also observe the further product documentation!



6-pole – without ground contact



Mounting hole for screw



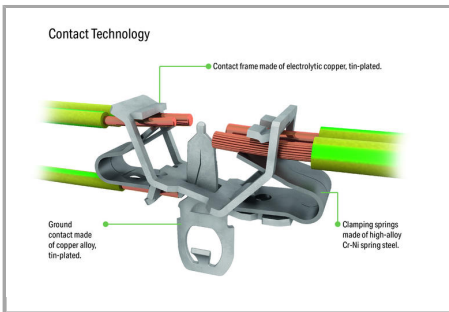
Hole for screw mount

Notice:

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

Notice:

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



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:

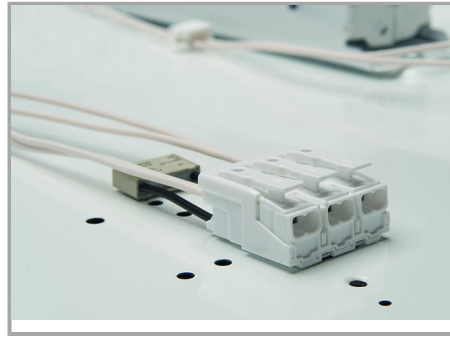
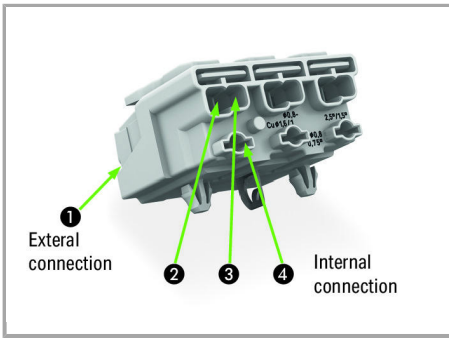
PUSH WIRE® for internal wiring with solid conductors

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"

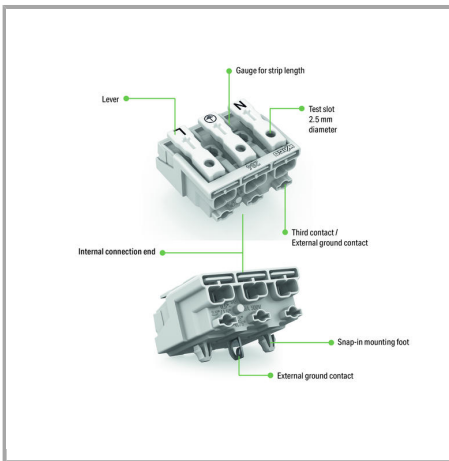
External connection:

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

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



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



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