

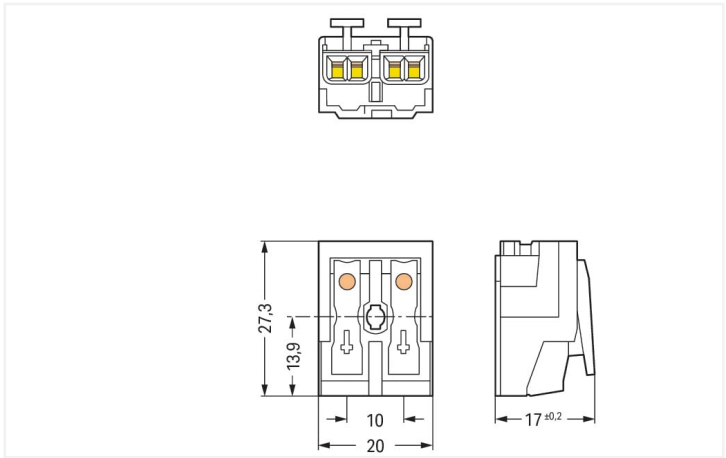
Data Sheet | Item Number: 294-4072

Lighting connector; push-button, external; without ground contact; 2-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/294-4072>



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	10	Connection type 1	External 1	
Total number of potentials	2	Connection technology	Push-in CAGE CLAMP®	
Number of connection types	4	Number of connection points	2	
PE function	without 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	2	
		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		20 mm / 0.787 inches
Height from the surface		17 mm / 0.669 inches
Depth		27.3 mm / 1.075 inches

Mechanical data	
Marking	- +
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	0.121 MJ
Halogen-free	Yes
Weight	6.1 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)	1000 pcs
Packaging type	Foil
Country of origin	CH
GTIN	4050821097822
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)	314bb694-7b80-457b-99e0-4d9eeb58a402
SCIP notification number (Belgium)	37761459-7a8f-4441-9f4a-4a8456ba3da3
SCIP notification number (Bulgaria)	45bac9be-432b-4a97-9ced-3491e8a90f00
SCIP notification number (Czech Republic)	1289047b-c7b2-4d61-a920-9a085d7e107e
SCIP notification number (Denmark)	b4a20c84-b7bc-493f-aa6f-06ad0e383e35
SCIP notification number (Finland)	c8a504e6-d678-4913-bcbc-353f9da18b1f
SCIP notification number (France)	3559b876-b280-41e7-911f-f53eb0ecb7d5
SCIP notification number (Germany)	f246f7d4-413a-4cb7-806e-8ce4f56a6958
SCIP notification number (Hungary)	f382385f-f1f2-40ec-8fab-cb648403a641
SCIP notification number (Italy)	7ba4116f-fb16-40a0-924f-e95c8047cb6b
SCIP notification number (Netherlands)	ae5e04a1-d206-47cf-9455-a01d29d409ae
SCIP notification number (Poland)	a2bb3399-0f77-4cff-b43c-67d3f0ac91e1
SCIP notification number (Romania)	a7418aed-ff09-4ff2-a54e-d6f07b505859
SCIP notification number (Sweden)	14424c71-79f9-4310-9a2b-3d16acfe2781



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 294-4072

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Documentation			
Additional Information		Bid Text	
Technical Section	pdf 2240.62 KB	294-4072	13.06.2017
	↓	294-4072	19.02.2019
		doc 27.00 KB	↓
		xml 5.57 KB	↓

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 294-4072	WSCAD Universe 294-4072
↓	↓
	ZUKEN Portal 294-4072
	↓

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

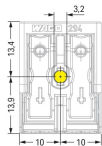
1.1.2.2 Operating tool



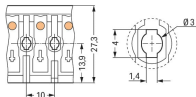
Item No.: 206-294
Disconnection tool; green

Installation Notes

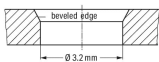
Installation



2-pole – without ground contact

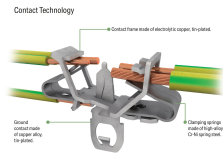


Mounting hole for screw
Notice: The maximum thread diameter for self-tapping screws is 3 mm.



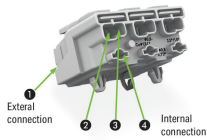
Hole for screw mount
Notice: The maximum thread diameter for self-tapping screws is 3 mm.

Conductor termination



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"



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.

