

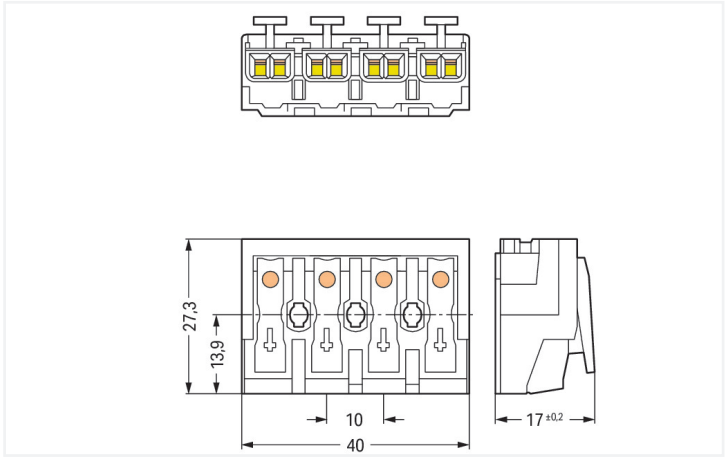
Data Sheet | Item Number: 294-4044

Lighting connector; push-button, external; without 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); white

<https://www.wago.com/294-4044>



Color: ■ white



Dimensions in mm

Field-wiring terminal block, 294 Series, white

This field-wiring terminal block (item number 294-4044) streamlines wire connections, making them both quick and easy. Conductors can only be connected to this field-wiring terminal block if their strip length is between 8 and 9 mm . Featuring four conductor terminals along with Push-in CAGE CLAMP® as well as PUSH WIRE®, this connector outperforms the competition. Push-in CAGE CLAMP® connection technology is ideal for connecting all conductor types. Both solid and fine-stranded conductors with ferrules can be pushed in without the need for tools—all thanks to its pluggable design. Our PUSH WIRE® connection is the quick and easy method for connecting solid conductors. Dimensions: (40 x 17 x 27.3) mm (width x height x depth). Depending on the conductor type, this field-wiring terminal block is designed for conductor cross sections ranging from 0.5 mm² to 2.5 mm² on one side and for conductor cross sections from 0.5 mm² to 2.5 mm² on the other side as well as conductor cross sections from 0.5 mm² to 1.5 mm² and from 0.5 mm² to 0.75 mm².

Tin is used for coating the contact surfaces.

Electrical data

Ratings per	IEC/EN 60998-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	-	-	500 V
Rated impulse withstand voltage	-	-	4 kV
Rated current	-	-	24 A

Ratings per IEC/EN – Notes	
Ratings (note)	Connection points

Ratings per	IEC/EN 60998-2-2		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	-	-	500 V
Rated impulse withstand voltage	-	-	4 kV
Rated current	-	-	24 A

General information	
Wiring direction	Side-entry wiring

Connection Data			
Clamping units	20	Connection 1	
Total number of potentials	4	Connection type	External 1
Number of connection types	4	Connection technology	Push-in CAGE CLAMP®
PE function	without PE contact	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 fer- rule	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
		Wiring direction	Side-entry wiring

Connection 2	
Connection type	Internal 2
Connection technology	PUSH WIRE®
Number of connection points	1
Actuation type	Push-in
Solid conductor	0.5 ... 2.5 mm² / 18 ... 14 AWG
Fine-stranded conductor; with insulated fer- rule	0.5 ... 1 mm² / 18 ... 16 AWG
Fine-stranded conductor; with uninsulated ferrule	0.5 ... 1.5 mm² / 18 ... 14 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches

Connection 3	
Connection type	Internal 3
Connection technology	PUSH WIRE®
Number of connection points	1
Actuation type	Push-in
Solid conductor	0.5 ... 1.5 mm² / 18 ... 16 AWG
Fine-stranded conductor; with insulated fer- rule	0.5 ... 0.75 mm² / 18 AWG
Fine-stranded conductor; with uninsulated ferrule	0.5 ... 1 mm² / 18 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches

Connection 4	
Connection type	Internal 4
Connection technology	PUSH WIRE®
Number of connection points	1
Actuation type	Push-in
Solid conductor	0.5 ... 0.75 mm² / 18 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches

Physical data	
Pin spacing	10 mm / 0.394 inches
Width	40 mm / 1.575 inches
Height	17 mm / 0.669 inches
Depth	27.3 mm / 1.075 inches

Mechanical data		
Marking		4-3-2-1
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 (main housing)		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		0.184 MJ
Halogen-free		Yes
Weight		12.2 g

Environmental requirements		
Temperature stability		120 °C
T marking		T85

Commercial data		
Product Group		8 (Misc. Chassis Mount Blocks)
PU (SPU)		500 pcs
Packaging type		Foil
Country of origin		CH
GTIN		4050821097778
Customs tariff number		85369010000

Product Classification		
UNSPSC		39121409
eCl@ss 10.0		27-14-11-06
eCl@ss 9.0		27-14-11-06
ETIM 9.0		EC001284
ETIM 10.0		EC001284
ECCN		NO US CLASSIFICATION

Environmental Product Compliance		
RoHS Compliance Status		Compliant, No Exemption
SCIP notification number (Austria)		0ef5c186-7c3d-41ca-98e6-ceed80d238c3
SCIP notification number (Belgium)		c9e5533b-1f84-4d55-9cff-33290b9ffc54
SCIP notification number (Bulgaria)		a9c43acb-49c0-4e5b-8204-d71e0179eade
SCIP notification number (Czech Republic)		6f9aa3b3-2d3b-420b-bf3b-e4754f76a572
SCIP notification number (Denmark)		007d1d4e-6be5-4b49-bde7-96f0231023c1
SCIP notification number (Finland)		bec1386c-7ca6-417c-b2e3-60b1c8239486
SCIP notification number (France)		c843248b-f62e-4b46-8cf8-5d0323d7991b
SCIP notification number (Germany)		e43a7b90-923d-4e78-9b3b-16574d20ec72
SCIP notification number (Hungary)		6b1151f0-e5ed-4e6f-9bc6-a3f01b302598
SCIP notification number (Italy)		cef194a6-d435-4fe1-920a-22f971875d9d
SCIP notification number (Netherlands)		12336601-0dbc-4e68-8f17-580f04ccb0e7
SCIP notification number (Poland)		121489cc-5d7c-48c3-a1e2-4a0b75e67f77
SCIP notification number (Romania)		34013632-97b7-47ef-ae6c-036bd7cbcc01

Environmental Product Compliance	
SCIP notification number (Sweden)	66aa35b2-d2ee-4ce6-ab2f-f5883b068e44

Approvals / Certificates

General approvals			Declarations of conformity and manufacturer's declarations		
					
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
ENEC 05	EN 60998	2128791.01	EU-Declaration of Conformity	-	-
DEKRA Certification B.V.			WAGO GmbH & Co. KG		
			UK-Declaration of Conformity	-	-
			WAGO GmbH & Co. KG		

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 294-4044	

Documentation

Bid Text			
294-4044	13.06.2017	doc 27.50 KB	
294-4044	19.02.2019	xml 5.58 KB	

CAD/CAE-Data

CAD data		CAE data	
2D/3D Models 294-4044		WSCAD Universe 294-4044	
		ZUKEN Portal 294-4044	

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

4-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.

Contact Technology

- Contact frame made of electrical-grade, fire-retarded
- Contact pins made of electrical-grade, fire-retarded
- Contact pins made of electrical-grade, fire-retarded
- Contact pins made of electrical-grade, fire-retarded

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"

External connection

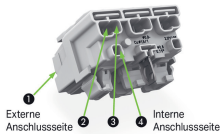
Internal connection

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

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



Conductor termination



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

