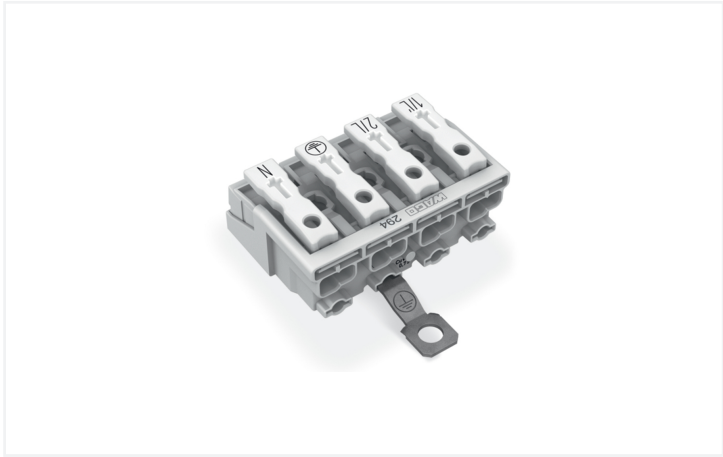


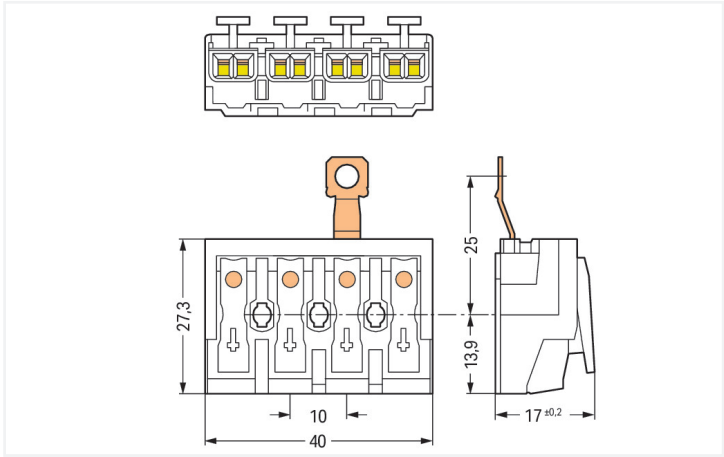
Data Sheet | Item Number: 294-4424

Lighting connector; push-button, external; with screw-type ground contact; 4-pole;
Lighting side: for solid conductors; Inst. side: for all conductor types; max. 2.5 mm²; Sur-
rounding air temperature: max 85°C (T85); white

<https://www.wago.com/294-4424>



Color: ■ white



Dimensions in mm

Field-wiring terminal block, 294 Series, push-button

This field-wiring terminal block (item number 294-4424) streamlines wire connections, making them both quick and easy. Conductors should 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 is highly versatile. Push-in CAGE CLAMP® connection technology is ideal for connecting all conductor types. It allows direct insertion of both solid and fine-stranded conductors with ferrules without the need for tools—all thanks to its pluggable design. Our PUSH WIRE® connection uses the stiffness of the conductor to overcome the clamping spring's contact force, allowing you to clamp the conductor in place more quickly and easily. The dimensions are (40 x 17 x 27.3) mm (width x height x depth). Depending on the type of conductor, 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		



Mechanical data		
Marking		1/L´-2/L-⊕-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 (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		12.8 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		Bag
Country of origin		PL
GTIN		4050821098089
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)		d1cc0558-5200-4339-96c5-0c6d02bd38a2
SCIP notification number (Belgium)		7a2469cf-ee53-42b6-ba93-19a2d6e24712
SCIP notification number (Bulgaria)		26e22b25-41f6-45e0-a548-a77c7f08f9f6
SCIP notification number (Czech Republic)		dfff3e6e-3344-455f-8af9-d1c03c6f877c
SCIP notification number (Denmark)		9d526324-0cfe-4c41-86fb-85c138aa85d3
SCIP notification number (Finland)		cf12b857-4293-4e6c-97d5-06d2ddf53639
SCIP notification number (France)		26ce8de8-2305-4e19-80e9-ff0712fb5b7b
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SCIP notification number (Hungary)		4a5d3720-b63c-4b0d-ad56-4f6e9bd7aa85
SCIP notification number (Italy)		8f0b79f9-f9ac-4b24-8129-580bf7fd0089
SCIP notification number (Netherlands)		672f478b-4597-44e1-8979-219b18e81a42
SCIP notification number (Poland)		833c6a90-a0d4-4e96-9e7f-cff054ec1569
SCIP notification number (Romania)		669fbf22-743e-4cb6-89c9-674b1fcbdbc5

General approvals	Declarations of conformity and manufacturer's declarations
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Approval	Standard	Certificate Name
ENEC 05 DEKRA Certification B.V.	EN 60998	2128791.01

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 294-4424

Bid Text			
294-4424	19.02.2019	xml 5.59 KB	↓
294-4424	13.06.2017	doc 28.00 KB	↓

CAD data	CAE data
2D/3D Models 294-4424	WSCAD Universe 294-4424
	ZUKEN Portal 294-4424

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

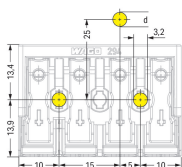


Item No.: 206-294

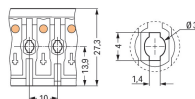
Disconnection tool; green

Installation Notes

Installation

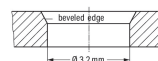


4-pole – with screw-type ground contact, d
 ≤ 4.1 mm



Mounting hole for screw

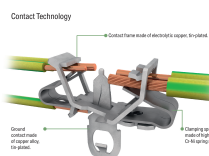
Notice: The maximum thread diameter for self-tapping screws is 3 mm.



Hole for screw mount

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

Conductor termination



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

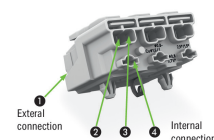
Internal connection:

PUSH WIRE® for internal wiring with solid conductors

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

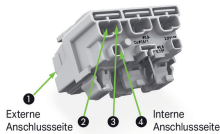
External connection:

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





Conductor termination



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

