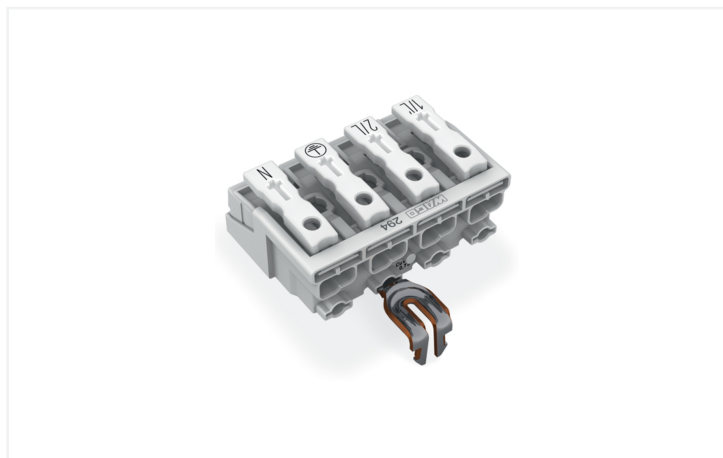


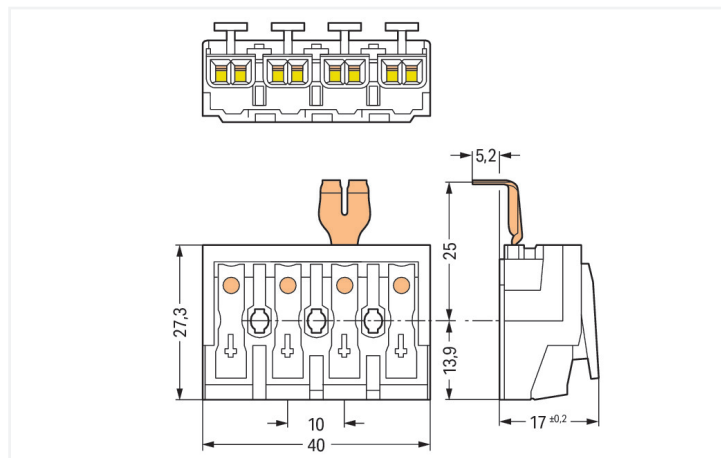
Data Sheet | Item Number: 294-4224

Lighting connector; push-button, external; with snap-in ground contact; 1/L'-2/L-PE-N; 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/294-4224>



Color: ■ white



Dimensions in mm

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

This field-wiring terminal block (item number 294-4224) is designed to connect conductors quickly and easily. 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 delivers reliable performance. Push-in CAGE CLAMP® technology provides a universal connection solution for all conductor types. It allows both solid and fine-stranded conductors with ferrules to be inserted directly into the clamping point without the need for tools. 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. Dimensions: (40 x 17 x 27.3) mm (width x height x depth). Depending on the conductor type, this field-wiring terminal block is suitable 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
Total number of potentials	4
Number of connection types	4
PE function	Snap-in PE contact

Connection 1

Connection type	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	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 mm ² / 18 ... 14 AWG
Fine-stranded conductor; with insulated ferrule	0.5 ... 1 mm ² / 18 ... 16 AWG
Fine-stranded conductor; with uninsulated ferrule	0.5 ... 1.5 mm ² / 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 mm ² / 18 ... 16 AWG
Fine-stranded conductor; with insulated ferrule	0.5 ... 0.75 mm ² / 18 AWG
Fine-stranded conductor; with uninsulated ferrule	0.5 ... 1 mm ² / 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 mm ² / 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	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	0.24 MJ
Halogen-free	Yes
Weight	13.2 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	Bag
Country of origin	PL
GTIN	4050821097884
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

REACH Candidate List Substance	Perfluorobutane sulfonic acid (PFBS) and its salts
RoHS Compliance Status	Compliant, No Exemption
SCIP notification number (Austria)	71d9a623-88e4-4be8-9d1a-1bcf9c9857b6
SCIP notification number (Belgium)	e9b1198b-9be8-4499-976a-a29e5062d4a7
SCIP notification number (Bulgaria)	3e88a619-223e-4a9d-92e7-2804da3ea46d
SCIP notification number (Czech Republic)	af0c7986-2168-480d-b5f6-181d6ae5202c
SCIP notification number (Denmark)	2286cec0-dabe-4e56-b9e3-7648957beef0
SCIP notification number (Finland)	cd937506-ab02-4680-ae19-e2e909f24e43
SCIP notification number (France)	74106a05-0be7-49c3-951b-213477f49bbd
SCIP notification number (Germany)	b00ae318-e269-46d6-8718-dd5ff72b56b6
SCIP notification number (Hungary)	d1b173d5-2b62-4b97-97e8-e1bf014881dd
SCIP notification number (Italy)	18c2f01a-3d6c-46b0-933b-9dadcf075af0
SCIP notification number (Netherlands)	16d778e0-4732-4059-853d-bd5cef1385f0
SCIP notification number (Poland)	f12daf74-ecac-48e1-b0eb-be60023579fb

Environmental Product Compliance

SCIP notification number (Romania)	a4a645c1-d3c4-4679-baa9-d2eb4abd08bb
SCIP notification number (Sweden)	fabcca1c-96d6-48e0-8a70-f4c81d6d6c98

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 Conformity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 294-4224	↓
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Documentation

Bid Text

Item Number	Date	File Type	Size	Action
294-4224	19.02.2019	xml	5.59 KB	↓
294-4224	13.06.2017	doc	28.00 KB	↓

CAD/CAE-Data

CAD data

2D/3D Models 294-4224	↓
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CAE data

WSCAD Universe 294-4224	↓
ZUKEN Portal 294-4224	↓

Conductor termination



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

