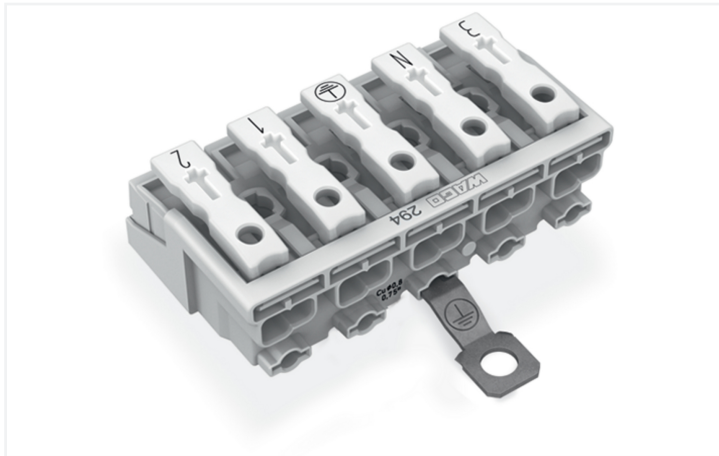


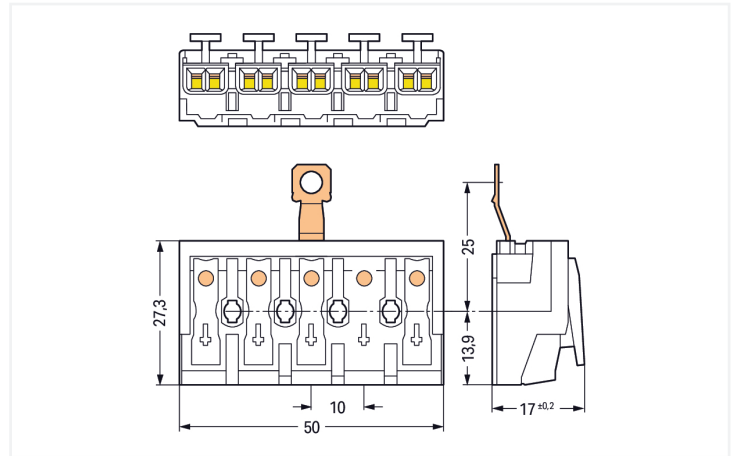
## Data Sheet | Item Number: 294-4455

Lighting connector; push-button, external; with screw-type ground contact; 5-pole;  
Lighting side: for solid conductors; Inst. side: for all conductor types; max. 2.5 mm<sup>2</sup>;  
Surrounding air temperature: max 85°C (T85); white

<https://www.wago.com/294-4455>



Color: ■ white



Dimensions in mm

### Field-wiring terminal block, 294 Series, Push-in CAGE CLAMP®

This field-wiring terminal block (item number 294-4455) is designed for quick and simple connections. Strip lengths must be between 8 and 9 mm when connecting conductors to this field-wiring terminal block. Featuring four conductor terminals along with Push-in CAGE CLAMP® as well as PUSH WIRE®, this product delivers reliable performance. 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 (50 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 mm<sup>2</sup> to 2.5 mm<sup>2</sup> on one side and for conductor cross sections from 0.5 mm<sup>2</sup> to 2.5 mm<sup>2</sup> on the other side as well as conductor cross sections from 0.5 mm<sup>2</sup> to 1.5 mm<sup>2</sup> and from 0.5 mm<sup>2</sup> to 0.75 mm<sup>2</sup>.

The contact surface is coated with tin.

#### 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	25
Total number of potentials	5
Number of connection types	4
PE function	Screw-type 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 <sup>2</sup> / 18 ... 12 AWG
Solid conductor; push-in termination	0.5 ... 2.5 mm <sup>2</sup> / 18 ... 12 AWG
Stranded conductor	0.5 ... 2.5 mm <sup>2</sup> / 18 ... 14 AWG
Fine-stranded conductor	0.5 ... 2.5 mm <sup>2</sup> / 18 ... 14 AWG
Fine-stranded conductor; with insulated ferrule	0.5 ... 1.5 mm <sup>2</sup> / 18 ... 16 AWG
Fine-stranded conductor; with uninsulated ferrule	0.5 ... 1.5 mm <sup>2</sup> / 18 ... 16 AWG
Fine-stranded conductor; with ferrule; push-in termination	0.5 mm <sup>2</sup> / 18 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches
Pole number	5
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 <sup>2</sup> / 18 ... 14 AWG
Fine-stranded conductor; with insulated ferrule	0.5 ... 1 mm <sup>2</sup> / 18 ... 16 AWG
Fine-stranded conductor; with uninsulated ferrule	0.5 ... 1.5 mm <sup>2</sup> / 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 <sup>2</sup> / 18 ... 16 AWG
Fine-stranded conductor; with insulated ferrule	0.5 ... 0.75 mm <sup>2</sup> / 18 AWG
Fine-stranded conductor; with uninsulated ferrule	0.5 ... 1 mm <sup>2</sup> / 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 <sup>2</sup> / 18 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches

## Physical data

Pin spacing	10 mm / 0.394 inches
Width	50 mm / 1.969 inches
Height	17 mm / 0.669 inches
Depth	27.3 mm / 1.075 inches

### Mechanical data

Marking	3-N-⊕-1-2
Mounting type	without snap-in mounting feet

### Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
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 <sub>Cu</sub> )
Contact Plating	Tin
Fire load	0.229 MJ
Halogen-free	Yes
Weight	15.8 g

### Environmental requirements

Temperature stability	120 °C
T marking	T85

### Commercial data

Product Group	8 (Misc. Chassis Mount Blocks)
PU (SPU)	250 pcs
Packaging type	Bag
Country of origin	PL
GTIN	4050821098126
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)	1d0c6afe-63fc-47ad-a90f-e602cebae0d9
SCIP notification number (Belgium)	f75e8782-a784-432a-b5c7-a42144c57c6a
SCIP notification number (Bulgaria)	294641d1-9030-4960-bca7-fd7b9f366148
SCIP notification number (Czech Republic)	3f56ea59-a41f-45ff-93bf-07b66d77fc20
SCIP notification number (Denmark)	46cc246e-9c56-45a9-9f0b-4d6450a6268c
SCIP notification number (Finland)	eb77f37b-b703-4497-aa2e-8a9eedced46b
SCIP notification number (France)	2f3b7ede-71cf-4d67-a3d3-b4919211a29c
SCIP notification number (Germany)	cc3574ec-7f28-42a8-b03e-08dad08c6c5
SCIP notification number (Hungary)	422695f5-1fec-469d-a9e0-726933ea78dc
SCIP notification number (Italy)	3e5d5173-63b4-4085-ab99-3c21b2b069a2
SCIP notification number (Netherlands)	da3646e6-34f2-4c82-a6dc-a7371bece01e
SCIP notification number (Poland)	3f94817f-682b-4d8a-92a3-7f0b5ea326a7

**Environmental Product Compliance**

SCIP notification number (Romania)	0d8f01e1-bceb-4ee2-9276-6ac150b8250e
SCIP notification number (Sweden)	d93edb46-f6c6-4e15-8b75-a9022048de70

**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 294-4455

**Documentation**

Bid Text			
294-4455	19.02.2019	xml 5.58 KB	
294-4455	13.06.2017	doc 28.50 KB	

**CAD/CAE-Data**

CAD data
2D/3D Models 294-4455

CAE data
WSCAD Universe 294-4455
ZUKEN Portal 294-4455



Conductor termination



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

