

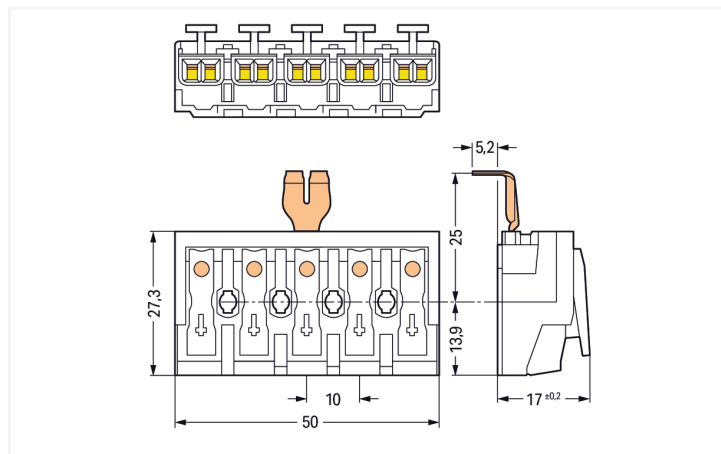
Data Sheet | Item Number: 294-4235

Lighting connector; push-button, external; with snap-in ground contact; DA+ DA- L PE N; 5-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/294-4235>



Color: ■ white



Dimensions in mm

Field-wiring terminal block, 294 Series, with 10 mm pin spacing

Our field-wiring terminal block (item number 294-4235) is the ideal way to connect conductors quickly and easily. Ensure that the strip lengths are between 8 and 9 mm when connecting conductors to this field-wiring terminal block. This product features four conductor terminals and utilizes Push-in CAGE CLAMP® as well as PUSH WIRE®. Push-in CAGE CLAMP® technology provides a universal connection solution for any type of conductor. It allows both solid and fine-stranded conductors with ferrules to be inserted directly into the clamping point without the need for tools. Our proven PUSH WIRE® connection offers the fastest method for clamping conductors. It utilizes the conductor's stiffness to overcome the clamping spring's contact force. The dimensions are (50 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.

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
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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
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Connection Data

Clamping units	25
Total number of potentials	5
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	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 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	50 mm / 1.969 inches
Height	17 mm / 0.669 inches
Depth	27.3 mm / 1.075 inches

Mechanical data

Marking	DA+ DA- 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	0.301 MJ
Halogen-free	Yes
Weight	16.1 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	4050821097907
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)	42bfa6b2-6913-4f72-be98-b97e0b920eea
SCIP notification number (Belgium)	78eff8cd-6d4c-4826-8846-c48e7a442307
SCIP notification number (Bulgaria)	7deed03f-8e0a-4358-bb83-6fd6cf581f17
SCIP notification number (Czech Republic)	b5d5c5f4-cf3b-4a35-9a7c-938bb53b1ae8
SCIP notification number (Denmark)	d13a98d9-b41a-41ed-980c-0167383ef2b8
SCIP notification number (Finland)	072ac21b-1a47-414d-9eca-5d96833a0180
SCIP notification number (France)	2ed04014-3f2c-4b26-943a-b21b0be82e18
SCIP notification number (Germany)	5f1ae9a5-8470-4ba4-92aa-4a3a89d94de1
SCIP notification number (Hungary)	fd76c449-e8c6-4f8a-8907-9d1913054fea
SCIP notification number (Italy)	f944028b-989b-417f-9bad-d58d5f9680e9
SCIP notification number (Netherlands)	2f09ab29-28ab-42b8-aaba-a32c73195e2f
SCIP notification number (Poland)	2bef43c7-d390-4168-9342-f3134ebc45c4

Environmental Product Compliance

SCIP notification number (Romania)	1126fa3e-70df-4f08-8255-dc2d66eec525
SCIP notification number (Sweden)	32f1d023-0930-471a-ab61-7a7cad4a6112

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 294-4235 ↓

Documentation

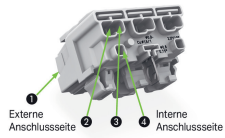
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294-4235	19.02.2019	xml 5.59 KB	↓
294-4235	13.06.2017	doc 28.50 KB	↓

CAD/CAE-Data

CAD data
2D/3D Models 294-4235 ↓

CAE data
WSCAD Universe 294-4235 ↓
ZUKEN Portal 294-4235 ↓

Conductor termination



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

