

Data Sheet | Item Number: 294-8015

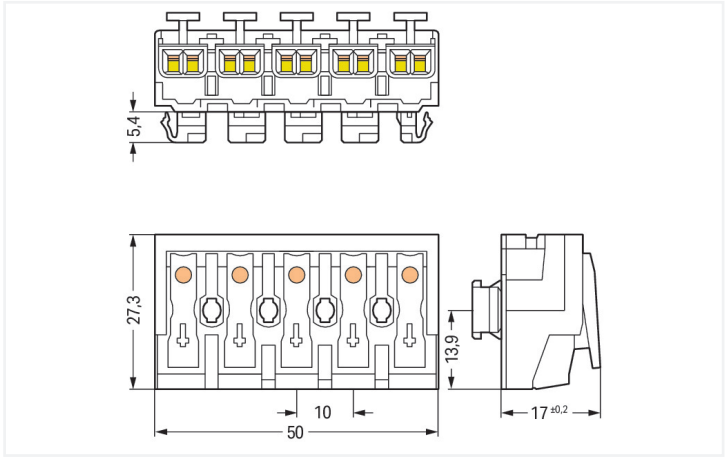
Lighting connector; push-button, external; for Linect®; without ground contact; L3-L2-L1-PE-N; 5-pole; Cod. A; Lighting side: for solid conductors; Inst. side: for all conductor types; max. 2.5 mm²; Surrounding air temperature: max 85°C (T85); white

<https://www.wago.com/294-8015>



Color: white

Similar to illustration



Dimensions in mm

Field-wiring terminal block with linect[®], 294 Series, Push-in CAGE CLAMP®

Seamless electrical installations are guaranteed with field-wiring terminal block with linect[®] (item number 294-8015). Conductors should only be connected to field-wiring terminal block with linect[®] if their strip length is between 8 and 9 mm . This product incorporates four conductor terminals and utilizes Push-in CAGE CLAMP® and PUSH WIRE®. Our Push-in CAGE CLAMP® is a universal, maintenance-free connection solution for all conductor types, boasting a key feature: both solid and fine-stranded conductors with ferrules can be directly inserted without the need for tools or any preparation, such as crimping the ferrule. 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 item's dimensions are (50 x 22.4 x 27.3) mm (width x height x depth). Field-wiring terminal block with linect[®] is suitable for conductor cross sections ranging from 0.5 mm² to 2.5 mm² on one side and for conductor cross sections ranging from 0.5 mm² to 2.5 mm² on the other side as well as conductor cross sections from 0.5 mm² to 2.5 mm² and from 0.5 mm² to 0.75 mm² depending on the conductor type.

Tin is used for coating the contact surfaces.

Electrical data							
Ratings				Connection points			
Ratings per				IEC/EN 60998-1	IEC/EN 60998-1	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				Connection points			
Ratings per				IEC/EN 60998-2-2	IEC/EN 60998-2-2	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	

Ratings				Linect® plug-in connection			
Ratings per				IEC/EN 61984	IEC/EN 61984	IEC/EN 61984	
Overvoltage category				III	III	II	
Pollution degree				3	2	2	
Nominal voltage				-	-	500 V	
Rated impulse withstand voltage				-	-	4 kV	
Rated current				-	-	16 A	

Connection 1	
Connection type	External 1
Connection technology	Push-in CAGE CLAMP®
Number of connection points	2
Actuation type	Push-button
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

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 ferrule	0.5 ... 0.75 mm² / 18 AWG
Fine-stranded conductor; with uninsulated ferrule	0.5 ... 1 mm² / 18 ... 14 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	22.4 mm / 0.882 inches
Height from the surface	17 mm / 0.669 inches
Depth	27.3 mm / 1.075 inches



Mechanical data		
Technology		Linect
Marking		L3 L2 L1 ⊕ N

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		0.251 MJ
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		Foil
Country of origin		CH
GTIN		4050821489245
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)		db0c3b78-c74b-4f52-92c5-ddc52f54d464
SCIP notification number (Belgium)		2743428a-fc15-4811-862a-e34461b3eda1
SCIP notification number (Bulgaria)		e02b1361-af30-427e-b47b-7530d0ca0401
SCIP notification number (Czech Republic)		9333cba9-1520-4673-b79b-e75496766cc7
SCIP notification number (Denmark)		7c916be5-6334-4aef-a107-70e5ec640189
SCIP notification number (Finland)		1bdef2ec-0f58-4b28-9107-df7ebe32b754
SCIP notification number (France)		a149d309-8b4d-4a3d-961f-0277fbab19e4
SCIP notification number (Germany)		2b5b420f-6124-44dd-9061-80a71f895cb0
SCIP notification number (Hungary)		75ea64da-da64-43c5-9937-3c235b74a7d7
SCIP notification number (Italy)		c853151f-1ca7-4664-ac58-odd1c742409d
SCIP notification number (Netherlands)		1e30027b-1af8-4def-9706-8bfd965c961d
SCIP notification number (Poland)		b4e64367-7938-4960-9f19-5748d5e36462
SCIP notification number (Romania)		7b6841d9-64ae-4a75-a7ae-db8d363ecca8
SCIP notification number (Sweden)		8dea03a3-3737-447e-ac38-b24dc786d87d

General approvals



Approval	Standard	Certificate Name
ENEC 05 DEKRA Certification B.V.	EN 60998	2128791.01
VDE VDE Prüf- und Zerti- fizierungsinstitut	EN 61535	40029808

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

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 294-8015

Documentation

Additional Information

Technical Section	pdf	↓
03.04.2019	2027.26 KB	

CAD/CAE-Data

CAE data

WSCAD Universe
294-8015