

Data Sheet | Item Number: 294-8015

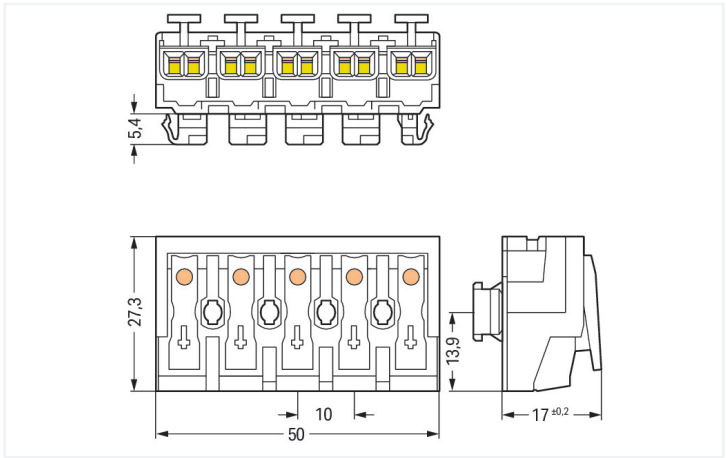
Lighting connector; push-button, external; for Linect®; without ground contact; L3-L2-L1-PE-N; 5-pole; Cod. A; Lighting side: for solid conductors; Inst. side: for all conductor types; max. 2.5 mm²; Surrounding air temperature: max 85°C (T85); white

<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[®]

Field-wiring terminal block with linect[®] (item number 294-8015) is designed for seamless electrical installations. Strip lengths must be between 8 mm and 9 mm when connecting conductors to field-wiring terminal block with linect[®]. This product features four conductor terminals and utilizes Push-in CAGE CLAMP[®] as well as PUSH WIRE[®]. Our Push-in CAGE CLAMP[®] is a universal, maintenance-free connection solution for all conductor types, offering a key advantage: 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 trusted 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). Depending on the type of conductor, 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 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 clamping spring is made of chrome-nickel spring steel (CrNi), the contacts are made of electrolytic copper (ECu), and the white housing is made of polycarbonate (PC) for insulation. 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 surge 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 surge 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 surge voltage	-	-	4 kV
Rated current	-	-	16 A



Connection data			
Total number of potentials	5	Connection 1	
Number of connection types	4	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 mm² / 18 ... 12 AWG
		Solid conductor; push-in termination	0.5 ... 2.5 mm² / 18 ... 12 AWG
		Stranded conductor	0.5 ... 2.5 mm² / 18 ... 14 AWG
		Fine-stranded conductor	0.5 ... 2.5 mm² / 18 ... 14 AWG
		Fine-stranded conductor; with insulated ferrule	0.5 ... 1.5 mm² / 18 ... 16 AWG
		Fine-stranded conductor; with uninsulated ferrule	0.5 ... 1.5 mm² / 18 ... 16 AWG
		Fine-stranded conductor; with ferrule; push-in termination	0.5 mm² / 18 AWG
		Strip length	8 ... 9 mm / 0.31 ... 0.35 inches
		Pole number	5

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 mm² / 18 ... 14 AWG
Fine-stranded conductor; with insulated ferrule	0.5 ... 1 mm² / 18 ... 14 AWG
Fine-stranded conductor; with uninsulated ferrule	0.5 ... 1.5 mm² / 18 ... 16 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 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

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 mm² / 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	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	0.33 MJ
Weight	16.2 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 8.0	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)	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-ac58-0dd1c742409d
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




Environmental Product Compliance

SCIP notification number (Sweden) 8dea03a3-3737-447e-ac38-b24dc786d87d

Approvals / Certificates

General approvals			Declarations of conformity and manufacturer's declarations		
					
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
ENEC 05 DEKRA Certification B.V.	EN 60998	2128791.01	EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
VDE VDE Prüf- und Zertifizie- rungsinstitut	EN 61535	40029808	UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 294-8015	

Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	

CAD/CAE-Data

CAE data	
WSCAD Universe 294-8015	