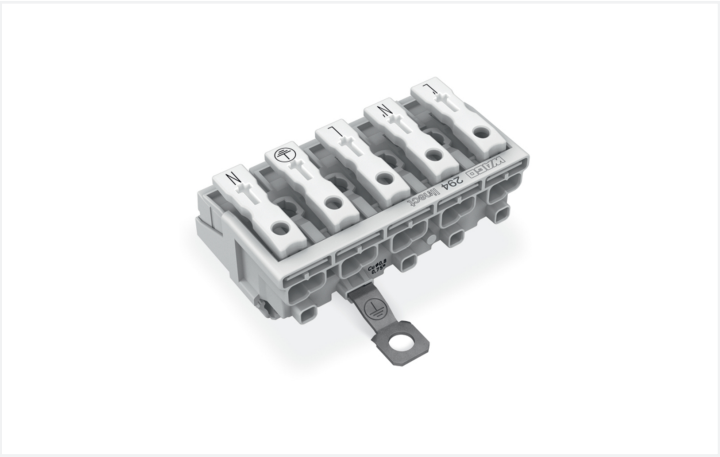
Data Sheet | Item Number: 294-8415

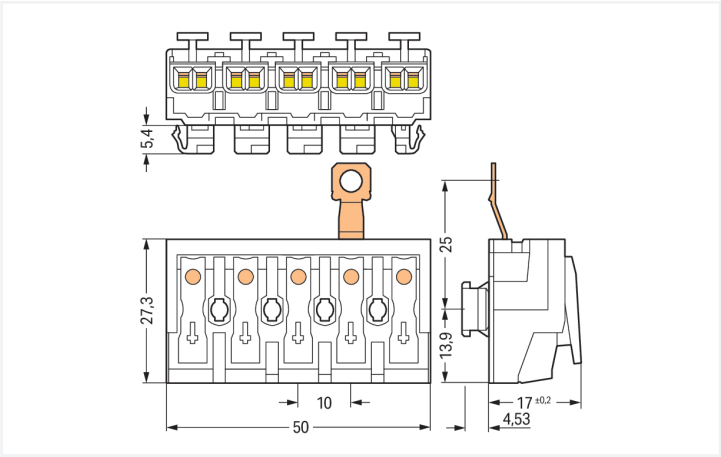
Lighting connector; push-button, external; for Linect®; with screw-type ground contact; L3-L2-L1-PE-N; 5-pole; Cod. A; Lighting side: for solid conductors; Inst. side: for all conductor types; max. 2.5 mm²; Surrounding air temperature: max 85°C (T85); white

https://www.wago.com/294-8415



Color: white

Similar to illustration



Dimensions in mm

Field-wiring terminal block with linect®, 294 Series, push-button

Fault-free electrical installations are guaranteed with field-wiring terminal block with linect® (item number 294-8415). Conductors should only be connected to field-wiring terminal block with linect® 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 product delivers reliable performance. Our Push-in CAGE CLAMP® is a universal, maintenance-free connection solution for all conductor types, boasting a key feature: It allows direct insertion of both solid and fine-stranded conductors with ferrules without needing tools. No preparation is required; for example, crimping the conductor's ferrule is not necessary. 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: (50 x 22.4 x 27.3) mm (width x height x depth). Depending on the conductor type, field-wiring terminal block with linect® is ideal 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	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

Ratings	Linect® plug-in connection		
Rated current	-	-	16 A

Continued on next page

Connection Data

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
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

Continued on next page

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	16.8 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	4050821487081
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)	43c7f367-e81c-4c21-9751-c6e966cf6504
SCIP notification number (Belgium)	9e5f5847-7b44-4868-adf8-c2cc33d792d0
SCIP notification number (Bulgaria)	5966c141-d900-4be9-be3f-31f4d085f16d
SCIP notification number (Czech Republic)	9c8f9936-06c5-4ce1-b7e0-05602ad34fd1
SCIP notification number (Denmark)	a2ae9f8c-c8f9-4d38-90af-3014853e92ec
SCIP notification number (Finland)	3884c359-f927-4371-b3ca-7de68a757cd3
SCIP notification number (France)	20606d64-0d18-42ef-986c-5c55e2c0f21f
SCIP notification number (Germany)	5683421d-fd53-4115-9f5c-83bb2db4ff1f
SCIP notification number (Hungary)	82fa46cc-a20c-4555-aee8-6a8fa4a11a7c
SCIP notification number (Italy)	fe5aa77c-1607-40f8-9162-d4393e843a48
SCIP notification number (Netherlands)	f6d391b2-39d0-4216-b94d-e962c7636e9f
SCIP notification number (Poland)	7d6612e6-de5f-4cd5-b10a-4f9f4755274d
SCIP notification number (Romania)	12410841-110b-4815-81fe-1060a35f07ab
SCIP notification number (Sweden)	962bd11c-a9e8-40c8-ac27-5d36991c6d42

Continued on next page

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
ENEC 05 DEKRA Certification B.V.	EN 60998	2128791.01

Declarations of conformity and manufacturer's declarations

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 294-8415

Documentation

Additional Information

Technical Section	03.04.2019	pdf 2027.26 KB

CAD/CAE-Data

CAE data

WSCAD Universe
294-8415