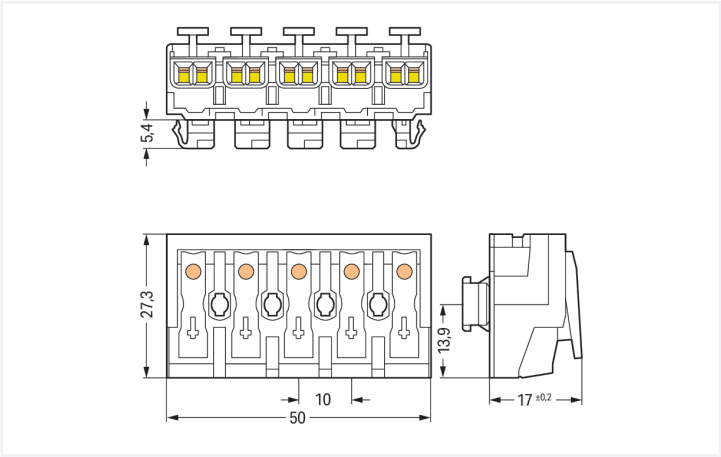
Data Sheet | Item Number: 294-8035

Lighting connector; push-button, external; for Linect®; without ground contact; DA+ DA- L PE N; 5-pole; Cod. I; 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/294-8035





Color: white

Dimensions in mm

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

Our field-wiring terminal block with linect® (item number 294-8035) simplifies electrical installations. Strip lengths must be between 8 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®. 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 offers a quick and easy solution for connecting solid conductors. The 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 Data

Total number of potentials	5
Number of connection types	4

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	DA+ DA- L ⏚ 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	0.253 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	4050821098799
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)	fa530054-58a2-4a27-b1ee-886fc5b89818
SCIP notification number (Belgium)	290f1559-5c63-46b8-ad4c-457ed5522386
SCIP notification number (Bulgaria)	a63bcfdf-2f8d-4f18-b603-81ab788fdf1a
SCIP notification number (Czech Republic)	ba7e7474-ef6e-4f2e-9332-d34d4ddcbe48
SCIP notification number (Denmark)	4e71e99d-ac9f-4c5a-9dff-f80d643190b0
SCIP notification number (Finland)	7efe3274-81f6-4ecb-bd66-262a4d68cb85
SCIP notification number (France)	bf57eb1f-88ae-4423-ab83-91a9d45ad5e3
SCIP notification number (Germany)	18ccc518-5209-43fc-89ab-287c950420d6
SCIP notification number (Hungary)	09d24689-f8b2-4872-bd8c-cbce39232780
SCIP notification number (Italy)	e8937ac2-5263-4c79-9ed5-b083610158ce
SCIP notification number (Netherlands)	c7ea4540-c68b-43f5-92ad-04fad0bb5476
SCIP notification number (Poland)	8b1b31c1-e1ee-42cf-85f9-f2aca1a2148c
SCIP notification number (Romania)	d99b36bd-5827-4756-b179-1f818e93f3f7
SCIP notification number (Sweden)	9725020e-e07d-44f5-a146-8b9cdf8f25d5

Continued on next page

Approvals / Certificates

General approvals

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

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 294-8035

Documentation

Additional Information

Technical Section	03.04.2019	pdf 2027.26 KB

CAD/CAE-Data

CAD data

2D/3D Models 294-8035

CAE data

WSCAD Universe 294-8035

ZUKEN Portal 294-8035