

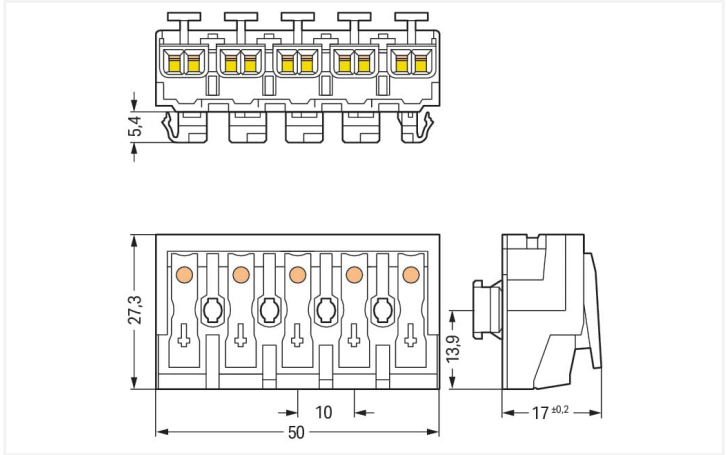
Data Sheet | Item Number: 294-8035

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); 2,50 mm²; white

<https://www.wago.com/294-8035>



Color: white



Dimensions in mm

- External connection of solid, stranded and fine-stranded conductors
- Universal conductor termination (AWG, metric)
- Third contact located at the bottom of internal connector end
- - Strain relief plate can be retrofitted

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
Number of connection types	4

Connection 1

Connection type 1	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 2	Internal 2
Connection technology 2	PUSH WIRE®
Number of connection points 2	1
Actuation type 2	Push-in
Solid conductor 2	0.5 ... 2.5 mm² / 18 ... 14 AWG
Fine-stranded conductor; with insulated ferrule 2	0.5 ... 1 mm² / 18 ... 14 AWG
Fine-stranded conductor; with uninsulated ferrule 2	0.5 ... 1.5 mm² / 18 ... 16 AWG
Strip length 2	8 ... 9 mm / 0.31 ... 0.35 inches

Connection 3

Connection type 3	Internal 3
Connection technology 3	PUSH WIRE®
Number of connection points 3	1
Actuation type 3	Push-in
Solid conductor 3	0.5 ... 1.5 mm² / 18 ... 16 AWG
Fine-stranded conductor; with insulated ferrule 3	0.5 ... 0.75 mm² / 18 AWG
Fine-stranded conductor; with uninsulated ferrule 3	0.5 ... 1 mm² / 18 ... 14 AWG
Strip length 3	8 ... 9 mm / 0.31 ... 0.35 inches

Connection 4

Connection type 4	Internal 4
Connection technology 4	PUSH WIRE®
Number of connection points 4	1
Actuation type 4	Push-in
Solid conductor 4	0.5 ... 0.75 mm² / 18 AWG
Strip length 4	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	DA+ DA- L N
Material data	
Note (material data)	Information on material specifications can be found here
Color	white
Material group	IIIa
Insulation material	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	0.332 MJ
Weight	16.2 g
Environmental requirements	
Temperature stability	120 °C
T marking	T85
Commercial data	
Product Group	8 (Misc. Chassis Mount Blocks)
eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 8.0	EC001284
ETIM 7.0	EC001284
PU (SPU)	250 pcs
Packaging type	Foil
Country of origin	CH
GTIN	4050821098799
Customs tariff number	85369010000
Environmental Product Compliance	
CAS-No.	131651-65-5 144317-44-2 220133-51-7 220689-12-3 25628-08-4 29420-49-3 375-73-5 503155-89-3 507453-86-3 68259-10-9
REACH Candidate List Substance	Perfluorobutane sulfonic acid (PFBS) and its salts
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c) 7(a) 7(c)-I 7(c)-II
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



Environmental Product Compliance	
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

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
VDE VDE Prüf- und Zertifizie- rungsinstitut	EN 61535		40029808

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 294-8035	

Documentation	
Additional Information	
Technical Section	03.04.2019 pdf 2010.85 KB 

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 294-8035 	WSCAD Universe 294-8035 
	ZUKEN Portal 294-8035 