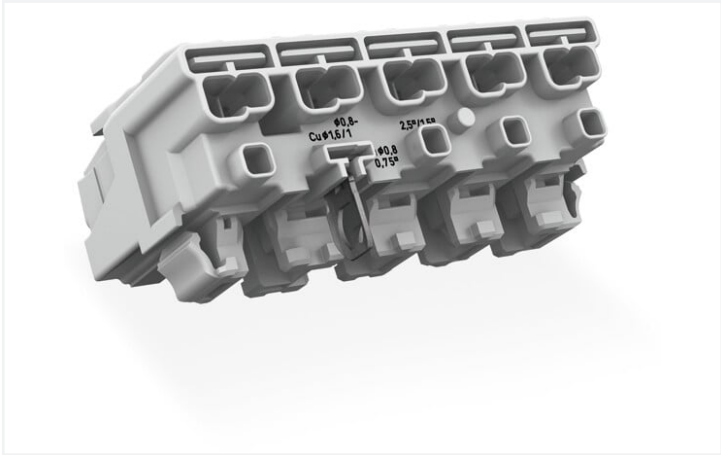


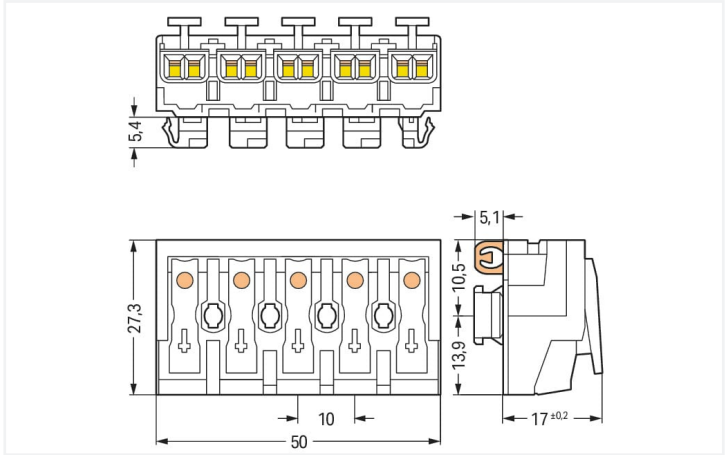
Data Sheet | Item Number: 294-8135

Lighting connector; push-button, external; for Linect®; with direct 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/294-8135>



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 for	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 for	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 for	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
PE function	Direct PE contact

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	16.4 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	4050821098836
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	7(a) 7(c)-I 7(c)-II
SCIP notification number (Austria)	f4a5e44e-50de-41cb-adeb-8715f5b27730
SCIP notification number (Belgium)	f2e3fad3-7b12-4d61-8cfb-4949146e5cc5
SCIP notification number (Bulgaria)	3f801f5a-93b6-4e90-9b05-12b3111252b4
SCIP notification number (Czech Republic)	e4a520f7-721f-4b61-8795-1779155dadf6
SCIP notification number (Denmark)	cd7896e8-0ca2-4063-876f-f63fb973a5fa
SCIP notification number (Finland)	22f2c3e1-76d1-4c42-a9f3-0d9c43402c67
SCIP notification number (France)	b38cc149-9d9f-4ceb-b787-4d619df2e950
SCIP notification number (Germany)	906081b2-6985-4682-a402-058f440a94a9



Environmental Product Compliance	
SCIP notification number (Hungary)	fc4aca14-16da-4af4-93a3-a90a461ca667
SCIP notification number (Italy)	4515b42d-0f93-4f50-ba3f-cfa8ce85da95
SCIP notification number (Netherlands)	a0bfebc3-254c-456c-8c8c-c49c3fcc6b45
SCIP notification number (Poland)	d0d04ac1-8343-4697-8318-51783837bdd4
SCIP notification number (Romania)	a3dec0e4-2fca-4f54-b34d-0bff8ffbb7db
SCIP notification number (Sweden)	59d3d130-43dc-461a-83c3-dfa177b09d73

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 Zertifizierungsinstitut	EN 61535	40029808
Approval		Standard
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 294-8135	

Documentation			
Additional Information			
Technical Section	03.04.2019	pdf 1949.09 KB	

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 294-8135 	WSCAD Universe 294-8135 
	ZUKEN Portal 294-8135 

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at: www.wago.com