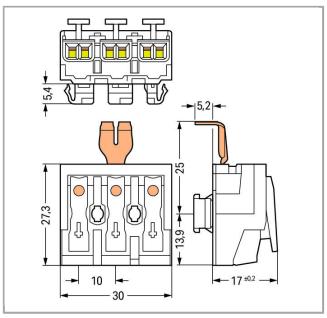
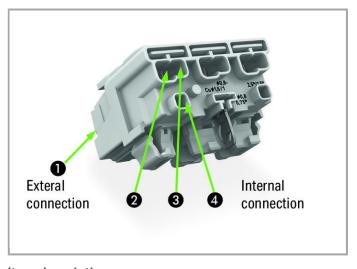
Lighting connector; push-button, external; for Linect®; with snap-in ground contact; 3-pole; Cod. A; Lighting side: for all conductor types; Inst. side: for solid conductors; max. 2.5 mm²; Ambient temperature: max. 85 °C (T85)



294-8213







Item description

01.05.2019 Page 1/4

294-8213



- 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

Data

Electrical data

Ratings per IEC/EN 60664-1

Ratings note	Connection points
Rated voltage (II / 2)	500 V
Rated impulse voltage (II / 2)	4 kV
Rated current	24 A
Ratings according to 2	IEC/EN 60998-2-2
Ratings note 2	Connection points
Rated voltage (II / 2) 2	500 V
Rated impulse voltage (II / 2) 2	4 kV
Rated current (2)	24 A
Ratings according to 3	IEC/EN 61984
Ratings Note 3	Linect [®] plug-in connection
Rated voltage (II / 2) 3	500 V
Rated impulse voltage (II / 2) 3	4 kV
Rated current (3)	16 A

Connection data

Connection type (1)	External 1
Connection technology	Push-in CAGE CLAMP®
Number of connection points (connection type)	2
Actuation type	Push-button
Actuation type 2	Push-in
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 ferrule with plastic collar	0.5 1.5 mm² / 18 16 AWG
Fine-stranded conductor with ferrule without plastic collar	0.5 1.5 mm² / 18 16 AWG
Strip length	8 9 mm / 0.31 0.35 inch
Connection type (2)	Internal 2
Connection technology 2	PUSH WIRE®
Number of connection points	1

294-8213



Fine-stranded conductor with insulated ferrule (2) Fine-stranded conductor with uninsulated ferrule (2) Strip length (2) Strip length (2) Connection type (3) Internal 3 Connection technology 3 PUSH WIRE® Number of connection points Actuation type 3 Solid conductor (3) Fine-stranded conductor with insulated ferrule (3) Fine-stranded conductor with insulated ferrule (3) Fine-stranded conductor with uninsulated ferrule (3) Strip length (3) Connection type (4) Connection type (4) Number of connection points Actuation type 4 PuSH WIRE® Number of connection points 1 Actuation type 4 Push-in Solid conductor (4) Strip length (4) Rough WIRE® Strip length (4) Strip length (4) Strip length (5) Connection type (4) Connection type (4) Rough WIRE® Strip length (4) Strip length (5) Strip length (6) Strip length (7) Solid conductor (8) Strip length (9) Strip	Solid conductor (2)	0.5 2.5 mm² / 18 14 AWG
Strip length (2) 8 9 mm / 0.31 0.35 inch Connection type (3) Internal 3 Connection technology 3 PUSH WIRE® Number of connection points 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 AWG0.5 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 inch Connection type (4) Internal 4 Connection technology 4 PUSH WIRE® Number of connection points 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 inch No. of poles 3 Total number of potentials 3 Number of connection types 4	Fine-stranded conductor with insulated ferrule (2)	0.5 1 mm² / 18 14 AWG
Connection type (3) Connection technology 3 PUSH WIRE® Number of connection points Actuation type 3 Push-in Solid conductor (3) Solid conductor with insulated ferrule (3) Fine-stranded conductor with uninsulated ferrule (3) Strip length (3) Connection type (4) Connection technology 4 PUSH WIRE® Number of connection points 1 Actuation type 4 Push-in Solid conductor (4) Solid conductor (5) Solid conductor (6) Push-in Solid conductor with uninsulated ferrule (7) Solid conductor (8) Solid conductor (9) Solid	Fine-stranded conductor with uninsulated ferrule (2)	0.5 1.5 mm² / 18 16 AWG
Connection technology 3 Number of connection points Actuation type 3 Push-in Solid conductor (3) Fine-stranded conductor with insulated ferrule (3) Fine-stranded conductor with uninsulated ferrule (3) Strip length (3) Connection type (4) Connection technology 4 Push WIRE® Number of connection points 1 Actuation type 4 Push-in Solid conductor (4) Solid conductor (4) Solid conductor (4) Solid conductor (5) Solid conductor (6) Solid conductor (7) Solid conductor (8) Solid conductor (9) So	Strip length (2)	8 9 mm / 0.31 0.35 inch
Number of connection points 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 AWG0.5 0.75mm² / 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 inch Connection type (4) Internal 4 Connection technology 4 PUSH WIRE® Number of connection points 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 inch No. of poles 3 Total number of potentials Number of connection types 4	Connection type (3)	Internal 3
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 AWG0.5 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 inch Connection type (4) Internal 4 Connection technology 4 PUSH WIRE® Number of connection points 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 inch No. of poles 3 Total number of potentials 3 Number of connection types 4	Connection technology 3	PUSH WIRE®
Solid conductor (3) Fine-stranded conductor with insulated ferrule (3) Fine-stranded conductor with uninsulated ferrule (3) Strip length (3) Connection type (4) Connection technology 4 Number of connection points Actuation type 4 Push-in Solid conductor (4) Strip length (4) No. of poles Total number of connection types 0.5 1.5 mm² / 18 16 AWG 0.5 0.75 mm² / 18 AWG0.5 0.75 mm² / 18 AWG 1.5 1 mm² / 18 14 AWG 1.5 1 mm² / 18 AWG 1.5 1 mm² /	Number of connection points	1
Fine-stranded conductor with insulated ferrule (3) Fine-stranded conductor with uninsulated ferrule (3) Strip length (3) Connection type (4) Connection technology 4 Number of connection points Actuation type 4 Solid conductor (4) Strip length (4) No. of poles Total number of connection types O.5 0.75 mm² / 18 AWG O.5 0.75 mm² / 18 AWG O.5 0.75 mm² / 18 AWG Strip length (4) Rumber of connection types 4	Actuation type 3	Push-in
Fine-stranded conductor with uninsulated ferrule (3) Strip length (3) 89 mm / 0.31 0.35 inch Connection type (4) Internal 4 Connection technology 4 PUSH WIRE® Number of connection points 1 Actuation type 4 Push-in Solid conductor (4) Strip length (4) No. of poles 3 Total number of connection types 4	Solid conductor (3)	0.5 1.5 mm² / 18 16 AWG
Strip length (3) 8 9 mm / 0.31 0.35 inch Connection type (4) Internal 4 Connection technology 4 PUSH WIRE® Number of connection points 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 inch No. of poles 3 Total number of potentials 3 Number of connection types 4	Fine-stranded conductor with insulated ferrule (3)	0.5 0.75 mm² / 18 AWG0.5 0.75mm² / 18 AWG
Connection type (4) Connection technology 4 PUSH WIRE® Number of connection points 1 Actuation type 4 Push-in Solid conductor (4) Strip length (4) No. of poles Total number of potentials Number of connection types Internal 4 PUSH WIRE® Push-in 0.5 0.75 mm² / 18 AWG 8 9 mm / 0.31 0.35 inch 3 Number of connection types 4	Fine-stranded conductor with uninsulated ferrule (3)	0.5 1 mm² / 18 14 AWG
Connection technology 4 PUSH WIRE® Number of connection points 1 Actuation type 4 Push-in Solid conductor (4) Strip length (4) No. of poles Total number of potentials Number of connection types PUSH WIRE® Push-in 0.5 0.75 mm² / 18 AWG 8 9 mm / 0.31 0.35 inch 3 Number of connection types 4	Strip length (3)	8 9 mm / 0.31 0.35 inch
Number of connection points Actuation type 4 Push-in Solid conductor (4) Strip length (4) No. of poles Total number of connection types Push-in 0.5 0.75 mm² / 18 AWG 8 9 mm / 0.31 0.35 inch 3 Number of connection types 4	Connection type (4)	Internal 4
Actuation type 4 Solid conductor (4) Strip length (4) No. of poles Total number of potentials Number of connection types Push-in 0.5 0.75 mm² / 18 AWG 8 9 mm / 0.31 0.35 inch 3 4	Connection technology 4	PUSH WIRE®
Solid conductor (4) Strip length (4) No. of poles Total number of potentials Number of connection types 0.5 0.75 mm² / 18 AWG 8 9 mm / 0.31 0.35 inch 3 4	Number of connection points	1
Strip length (4) 8 9 mm / 0.31 0.35 inch No. of poles 3 Total number of potentials 3 Number of connection types 4	Actuation type 4	Push-in
No. of poles3Total number of potentials3Number of connection types4	Solid conductor (4)	0.5 0.75 mm² / 18 AWG
Total number of potentials 3 Number of connection types 4	Strip length (4)	8 9 mm / 0.31 0.35 inch
Number of connection types 4	No. of poles	3
	Total number of potentials	3
Ground function with snap-in GND contact	Number of connection types	4
	Ground function	with snap-in GND contact

Geometrical Data

Pin spacing	10 mm / 0.394 inch
Width	30 mm / 1.181 inch
Height	22.4 mm / 0.882 inch
Height from the surface	17 mm / 0.669 inch
Depth	27.3 mm / 1.075 inch

Mechanical data

Marking N L

Material Data

Color	white	
Material group	III a	
Insulating material	Polycarbonate (PC)	
Flammability class per UL94	V0	
Clamping spring material	Chrome nickel spring steel (CrNi)	
Contact material		

294-8213



Electrolytic copper ((E _{C11})	١
-----------------------	---------------------	---

Contact plating	tin-plated
Fire load	0.2 MJ
Weight	10.8g

Environmental Requirements

T	40000
Temperature stability	120°C

Commercial data

Product Group	8 (Misc. Chassis Mount Blocks) PL 4050821098843	
Country of origin		
GTIN		
Customs Tariff No.	85369010000	

Approvals / Certificates

Country specific Approvals

			Certificate
Logo	Approval	Additional Approval Text	name
	ENEC 05	EN 60998	2128791.01
1311	DEKRA Certification B.V.		

Downloads

CAD/CAE - Smart Data

CAD data

3D Download 294-8213 URL Download

Subject to changes.