Data Sheet | Item Number: 294-8094/4025-000

Lighting connector; push-button, external; for Linect®; without ground contact; 4-pole; Cod. A; Lighting side: for solid conductors; Inst. side: for all conductor types; max. 2.5 mm²; Surrounding air temperature: max 85℃ (T85); 2,50 mm²; white

https://www.wago.com/294-8094/4025-000

- 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

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

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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
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	1/L´-2/L-E-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 MJ
Weight	13 g

Environmental requirements

Temperature stability	120 °C
T marking	T85

Commercial data

ETIM 8.0	EC001284
ETIM 7.0	EC001284
PU (SPU)	500 pcs
Packaging type	Foil
Country of origin	CH
GTIN	4055143279154
Customs tariff number	85369010000

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

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

Documentation

Additional Information

Technical Section	03.04.2019	pdf 2010.85 KB	↓

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

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