

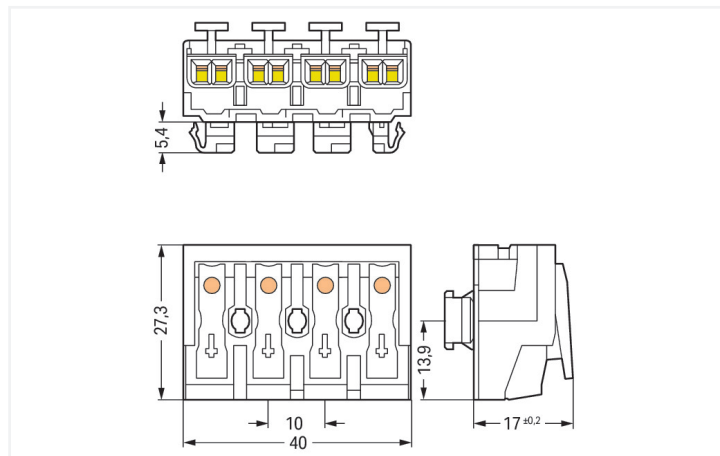
Data Sheet | Item Number: 294-8094/4025-000

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°C (T85); white

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



Color: white



Dimensions in mm

Field-wiring terminal block with linect[®], 294 Series, Push-in

Field-wiring terminal block with linect[®] (item number 294-8094/4025-000) is designed for fault-free 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® and PUSH WIRE®. Push-in CAGE CLAMP® technology provides a universal connection solution for all conductor types. It allows both solid and fine-stranded conductors with ferrules to be inserted directly into the clamping point without the need for tools. Our PUSH WIRE® connection uses the stiffness of the conductor to overcome the clamping spring's contact force, allowing faster and easier conductor clamping. Depending on the conductor type, field-wiring terminal block with linect[®] is designed for conductor cross sections ranging from 0.5 mm² to 2.5 mm² on one side and for conductor cross sections from 0.5 mm² to 2.5 mm² on the other side as well as conductor cross sections from 0.5 mm² to 1.5 mm² and from 0.5 mm² to 0.75 mm².

The contact surface is coated with tin.

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

Number of connection types	4
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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 mm ² / 18 ... 12 AWG
Solid conductor; push-in termination	0.5 ... 2.5 mm ² / 18 ... 12 AWG
Stranded conductor	0.5 ... 2.5 mm ² / 18 ... 14 AWG
Fine-stranded conductor	0.5 ... 2.5 mm ² / 18 ... 14 AWG
Fine-stranded conductor; with insulated ferrule	0.5 ... 1.5 mm ² / 18 ... 16 AWG
Fine-stranded conductor; with uninsulated ferrule	0.5 ... 1.5 mm ² / 18 ... 16 AWG
Fine-stranded conductor; with ferrule; push-in termination	0.5 mm ² / 18 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches

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 mm ² / 18 ... 14 AWG
Fine-stranded conductor; with insulated ferrule	0.5 ... 1 mm ² / 18 ... 14 AWG
Fine-stranded conductor; with uninsulated ferrule	0.5 ... 1.5 mm ² / 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 mm ² / 18 ... 16 AWG
Fine-stranded conductor; with insulated ferrule	0.5 ... 0.75 mm ² / 18 AWG
Fine-stranded conductor; with uninsulated ferrule	0.5 ... 1 mm ² / 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 mm ² / 18 AWG
Strip length	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 (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	0.203 MJ	
Weight	13 g	

Environmental requirements		
Temperature stability	120 °C	
T marking	T85	

Commercial data		
PU (SPU)	500 pcs	
Packaging type	Foil	
Country of origin	CH	
GTIN	4055143279154	
Customs tariff number	85369010000	

Product Classification		
UNSPSC	39121409	
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)	38b5319f-9178-48f5-9dc2-c2e25adb160	
SCIP notification number (Belgium)	3507091a-c1ef-4d0a-8e74-341ce430fbd2	
SCIP notification number (Bulgaria)	12789d9e-f064-4558-96cf-7c0d436730c1	
SCIP notification number (Czech Republic)	809569bc-d4a7-49c0-b9f9-ea46b1aa2dda	
SCIP notification number (Denmark)	ecfcd20a-f7b0-4bc3-a51f-f720720450bc	
SCIP notification number (Finland)	b9155a71-5e34-4021-8c23-227c4c03f278	
SCIP notification number (France)	5b292e4a-c872-413c-aa7f-8f376906cf9b	
SCIP notification number (Germany)	6ee0e19c-6730-488c-b6df-1e3a93b504cf	
SCIP notification number (Hungary)	e671d678-d547-4d73-a708-c315c36fd0aa	
SCIP notification number (Italy)	5735adb1-a035-40ec-8f59-22c81618a19c	
SCIP notification number (Netherlands)	4b6578ed-fbb4-4034-ac56-8ac60673391b	
SCIP notification number (Poland)	1b78d77f-1d85-484f-ac4e-51576a380955	
SCIP notification number (Romania)	3f6af816-5065-4b7c-8b55-b09525b4c6ec	
SCIP notification number (Sweden)	76d01614-09bf-49d0-8f3d-cdcd8515994b	



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

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 294-8094/4025-000

Documentation

Additional Information
Technical Section
03.04.2019
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