

Data Sheet | Item Number: 294-8095/5025-000

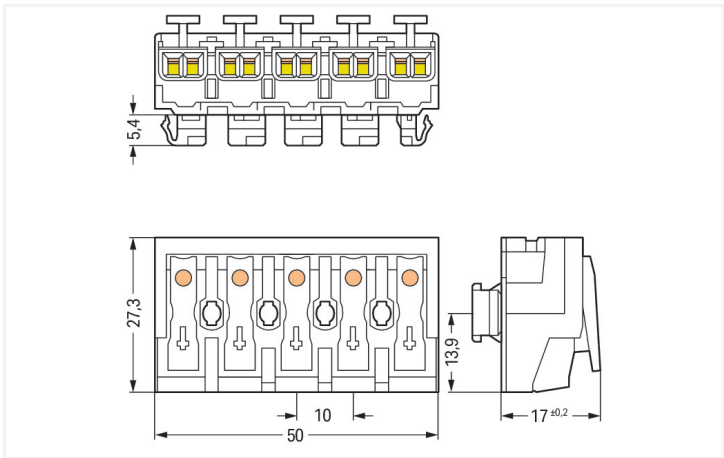
Lighting connector; push-button, external; for Linect®; without ground contact; 5-pole;
Cod. I; Lighting side: for solid conductors; Inst. side: for all conductor types; max. 2.5
mm²; Surrounding air temperature: max 85°C (T85); white

<https://www.wago.com/294-8095/5025-000>



Color: white

Similar to illustration



Dimensions in mm

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

Field-wiring terminal block with linect[®] (item number 294-8095/5025-000) simplifies 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[®]. Our Push-in CAGE CLAMP[®] is a universal, maintenance-free connection solution for all conductor types, boasting a key feature: It allows direct insertion of both solid and fine-stranded conductors with ferrules without needing tools. No preparation is required; for example, crimping the conductor's ferrule is not necessary. Our tried-and-tested PUSH WIRE[®] connection offers the fastest method for clamping conductors. It utilizes the conductor's stiffness to overcome the clamping spring's contact force. Depending on the type of conductor, field-wiring terminal block with linect[®] is ideal 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.

Tin is used for coating the contact surfaces.

Electrical data							
Ratings		Connection points		Ratings		Connection points	
Ratings per	IEC/EN 60998-1	IEC/EN 60998-1	IEC/EN 60998-1	Ratings per	IEC/EN 60998-2-2	IEC/EN 60998-2-2	IEC/EN 60998-2-2
Overvoltage category	III	III	II	Overvoltage category	III	III	II
Pollution degree	3	2	2	Pollution degree	3	2	2
Nominal voltage	-	-	500 V	Nominal voltage	-	-	500 V
Rated impulse withstand voltage	-	-	4 kV	Rated impulse withstand voltage	-	-	4 kV
Rated current	-	-	24 A	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	
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	0.253 MJ	
Weight	16.2 g	
Environmental requirements		
Temperature stability	120 °C	
T marking	T85	
Commercial data		
PU (SPU)	250 pcs	
Packaging type	Foil	
Country of origin	CH	
GTIN	4055143279147	
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)	e8221de2-9b63-46e4-be02-d5b3d0b8f6b3	
SCIP notification number (Belgium)	7e5414b7-4d69-4d7e-8912-8665c0cd845f	
SCIP notification number (Bulgaria)	2b699876-6d74-4476-a8a6-7c71ad50d508	
SCIP notification number (Czech Republic)	f3cac979-64af-4493-b061-f40166a15fd7	
SCIP notification number (Denmark)	bb4a843e-8b2f-4e23-8ac7-1d61afb5a6b3	
SCIP notification number (Finland)	7f947812-659a-42f1-845e-4862e50675ad	
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SCIP notification number (Italy)	d6ff80f1-6e75-456c-900a-24f6afdb6390	
SCIP notification number (Netherlands)	a4bef5f2-d13f-49ff-8309-d26a6cdd5b4b	
SCIP notification number (Poland)	393f3e72-f34e-45cd-b5b4-56685f63ef4f	
SCIP notification number (Romania)	d1825233-262d-4579-a9f3-812a585dc197	
SCIP notification number (Sweden)	b865846e-ba78-4f79-8ad8-07ddbba3b631	



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 294-8095/5025-000



Documentation

Additional Information
Technical Section
03.04.2019
pdf 2027.26 KB

