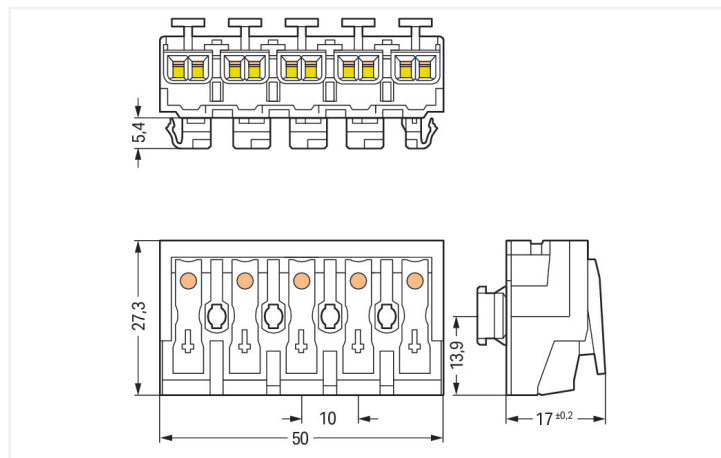


## Data Sheet | Item Number: 294-8095/5025-000

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 mm<sup>2</sup>; 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<sup>®</sup><sup></sup>, 294 Series, Push-in CAGE CLAMP<sup>®</sup>

Field-wiring terminal block with linect<sup>®</sup><sup></sup> (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<sup>®</sup><sup></sup>. This product features four conductor terminals and utilizes Push-in CAGE CLAMP<sup>®</sup> and PUSH WIRE<sup>®</sup>. Our Push-in CAGE CLAMP<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup><sup></sup> is ideal for conductor cross sections ranging from 0.5 mm<sup>2</sup> to 2.5 mm<sup>2</sup> on one side and for conductor cross sections from 0.5 mm<sup>2</sup> to 2.5 mm<sup>2</sup> on the other side as well as conductor cross sections from 0.5 mm<sup>2</sup> to 1.5 mm<sup>2</sup> and from 0.5 mm<sup>2</sup> to 0.75 mm<sup>2</sup>.

Tin is used for coating the contact surfaces.

### Electrical data

Ratings	Connection points		
	IEC/EN 60998-1	IEC/EN 60998-1	IEC/EN 60998-1
Ratings per			
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		
	IEC/EN 60998-2-2	IEC/EN 60998-2-2	IEC/EN 60998-2-2
Ratings per			
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 <sup>®</sup> 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 <sup>2</sup> / 18 ... 12 AWG
Solid conductor; push-in termination	0.5 ... 2.5 mm <sup>2</sup> / 18 ... 12 AWG
Stranded conductor	0.5 ... 2.5 mm <sup>2</sup> / 18 ... 14 AWG
Fine-stranded conductor	0.5 ... 2.5 mm <sup>2</sup> / 18 ... 14 AWG
Fine-stranded conductor; with insulated ferrule	0.5 ... 1.5 mm <sup>2</sup> / 18 ... 16 AWG
Fine-stranded conductor; with uninsulated ferrule	0.5 ... 1.5 mm <sup>2</sup> / 18 ... 16 AWG
Fine-stranded conductor; with ferrule; push-in termination	0.5 mm <sup>2</sup> / 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 <sup>2</sup> / 18 ... 14 AWG
Fine-stranded conductor; with insulated ferrule	0.5 ... 1 mm <sup>2</sup> / 18 ... 14 AWG
Fine-stranded conductor; with uninsulated ferrule	0.5 ... 1.5 mm <sup>2</sup> / 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 <sup>2</sup> / 18 ... 16 AWG
Fine-stranded conductor; with insulated ferrule	0.5 ... 0.75 mm <sup>2</sup> / 18 AWG
Fine-stranded conductor; with uninsulated ferrule	0.5 ... 1 mm <sup>2</sup> / 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 <sup>2</sup> / 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
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### Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
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 <sub>Cu</sub> )
Contact Plating	Tin
Fire load	0 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

REACH Candidate List Substance	Perfluorobutane sulfonic acid (PFBS) and its salts
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
SCIP notification number (France)	a4491413-a160-4651-b37a-6394e0cdbdb6
SCIP notification number (Germany)	8422ec5b-dfa8-42ab-b60c-e63b4764332f
SCIP notification number (Hungary)	0491da5f-f592-442c-94cf-92b865666dac
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-ba78-4f79-8ad8-07ddba3b631

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 Confor- mity WAGO GmbH & Co. KG	-	-
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 294-8095/5025-000	↓
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Documentation

Additional Information

Technical Section	03.04.2019	pdf 2027.26 KB	↓
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