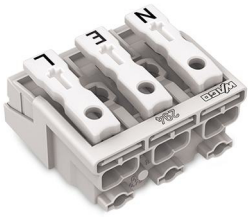
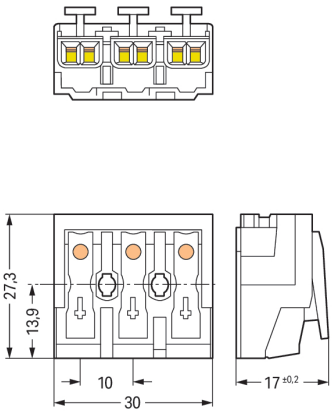
Data Sheet | Item Number: 294-4093/3025-000

Lighting connector; push-button, external; without ground contact; 3-pole; 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/294-4093/3025-000





Color: white

Dimensions in mm

Field-wiring terminal block, 294 Series, with 10 mm pin spacing

This field-wiring terminal block (item number 294-4093/3025-000) is designed for simple and secure connections. Conductors can only be connected to this field-wiring terminal block if their strip length is between 8 and 9 mm . This product features four conductor terminals and utilizes Push-in CAGE CLAMP® as well as PUSH WIRE®. Push-in CAGE CLAMP® connection technology is ideal for connecting all conductor types. It allows direct insertion of both solid and fine-stranded conductors with ferrules without needing to use any tools—all thanks to its pluggable design. 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, this field-wiring terminal block is suitable 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 per	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 per IEC/EN – Notes	
Ratings (note)	Connection points

Ratings per	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

General information	
Wiring direction	Side-entry wiring

Connection Data

Clamping units	15
Total number of potentials	3
Number of connection types	4
PE function	without PE contact

Connection 1

Connection type	External 1
Connection technology	Push-in CAGE CLAMP®
Number of connection points	2
Actuation type	Push-button
Connectable conductor materials	Copper
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
Number of poles	3

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 mm² / 18 … 14 AWG
Fine-stranded conductor; with insulated ferrule	0.5 … 1 mm² / 18 … 16 AWG
Fine-stranded conductor; with uninsulated ferrule	0.5 … 1.5 mm² / 18 … 14 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 mm² / 18 … 16 AWG
Fine-stranded conductor; with insulated ferrule	0.5 … 0.75 mm² / 18 AWG
Fine-stranded conductor; with uninsulated ferrule	0.5 … 1 mm² / 18 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 mm² / 18 AWG
Strip length	8 … 9 mm / 0.31 … 0.35 inches

Physical data

Pin spacing	10 mm / 0.394 inches
Width	30 mm / 1.181 inches
Height	17 mm / 0.669 inches

Continued on next page

Mechanical data

Marking	N-E-L
Mounting type	without snap-in mounting feet

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	0.138 MJ
Halogen-free	Yes
Weight	9.1 g

Environmental requirements

Ambient temperature (installation)	-35 … +60 °C
Temperature stability	120 °C
Temperature marking per EN 60998	T85

Commercial data

PU (SPU)	500 pcs
Packaging type	Foil
Country of origin	CH
GTIN	4055143279161
Customs tariff number	85369010000

Product Classification

UNSPSC	39121409
eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
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)	7374dc4e-3924-4501-b0c4-a333e02d2e73
SCIP notification number (Belgium)	b32fb041-9c31-4d58-bf50-7f4bab59f256
SCIP notification number (Bulgaria)	847a481e-5b6b-40cb-bbba-57c1e796db66
SCIP notification number (Czech Republic)	3c8ee52b-416f-42c2-89d0-b1f02f20e597
SCIP notification number (Denmark)	f1742fd5-4f78-4377-ad76-f41981caa08d
SCIP notification number (Finland)	7b874bd5-4b13-4314-bf11-683399267b9d
SCIP notification number (France)	54f37ea0-ffd2-49e4-8db3-e49fa8a7c672
SCIP notification number (Germany)	9e9b8bc5-2855-442e-b151-0074bef01078
SCIP notification number (Hungary)	6a56e2e5-a0b5-460e-bd03-e76c45d26cc1
SCIP notification number (Italy)	1c548fc5-da70-4239-9320-983ebc056f70
SCIP notification number (Netherlands)	1c1c320a-46a6-40b1-a52f-cb835ad81df3
SCIP notification number (Poland)	7221bce7-edd8-4672-92ac-0c45e89ca78e

Continued on next page

Environmental Product Compliance

SCIP notification number (Romania)	b8eda479-a1ef-411e-9fd4-246791ea426c
SCIP notification number (Sweden)	4df3782b-43d5-4fe8-9ef3-7ff0f849f3d1

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
294-4093/3025-000

Documentation

Bid Text

294-4093/3025-000	04.01.2018	doc 30.00 KB	
294-4093/3025-000	19.02.2019	xml 5.84 KB	

1 Compatible Products

1.1 Optional Accessories

1.1.1 Strain relief

1.1.1.1 Strain relief



Item No.: 294-370
Strain relief; for 294 Series; with snap-in mounting feet; white



Item No.: 294-375
Strain relief; for 294 Series; without snap-in mounting feet; white

1.1.1.2 Strain relief plate



Item No.: 294-364
Strain relief plate; for 294 Series; for multi-core cables; 3- to 5-pole; with secured clamp; white



Item No.: 294-384
Strain relief plate; for 294 Series; for single strands; 3- to 5-pole; with secured clamp; white

1.1.2 Tool

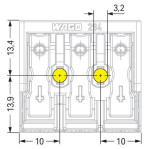
1.1.2.2 Operating tool



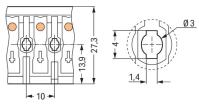
Item No.: 206-294
Disconnection tool; green

Installation Notes

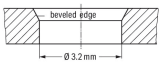
Installation



3-pole – without ground contact

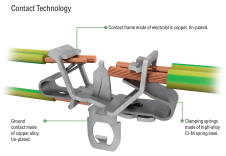


Mounting hole for screw
Notice: The maximum thread diameter for self-tapping screws is 3 mm.



Hole for screw mount
Notice: The maximum thread diameter for self-tapping screws is 3 mm.

Conductor termination

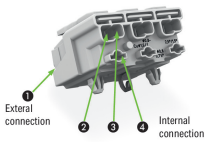


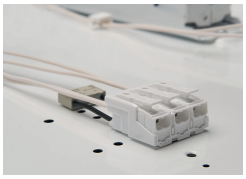
EUROPE
1 x 0.5 … 2.5 mm² "s"
1 x 0.5 … 1.5 mm² "s"
1 x 0.5 … 0.75 mm² "s"
AMERICA
1 x AWG 18 … 14 "s"
1 x AWG 18 … 16 "s"
1 x AWG 18 "s"
JAPAN
1 x 0.8 … 1.6 mm diam. "s"
1 x 0.8 … 1 mm diam. "s"
1 x 0.8 mm diam. "s"

Internal connection:
PUSH WIRE® for internal wiring with solid conductors

EUROPE
2 x 0.5 … 2.5 mm² "s, str, f-str"
AMERICA
2 x AWG 18 … 12 "s"
2 x AWG 18 … 14 "s, f-str"
JAPAN
2 x 0.8 … 2 mm diam. "s"
2 x 0.5 … 2 mm² "str, f-str"

External connection:
Push-in CAGE CLAMP® for field-wiring with all conductor types





Terminating five conductors per pole – solid and fine-stranded.

