

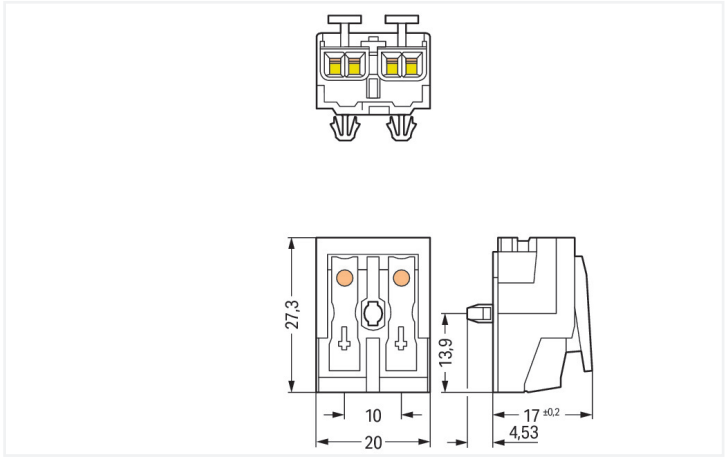
Data Sheet | Item Number: 294-5032

Lighting connector; push-button, external; without ground contact; 2-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/294-5032>



Color: white



Dimensions in mm

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

Easily, quickly and safely connect conductors with this field-wiring terminal block (item number 294-5032). 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® technology provides a universal connection solution for any type of conductor. 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. The item's dimensions are (20 x 21.53 x 27.3) mm (width x height x depth). Depending on the type of conductor, this field-wiring terminal block 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 per		IEC/EN 60998-1			Ratings per IEC/EN – Notes	
Overvoltage category		III	III	II	Ratings (note)	Connection points
Pollution degree		3	2	2		
Nominal voltage		-	-	500 V		
Rated impulse withstand voltage		-	-	4 kV		
Rated current		-	-	24 A		

Ratings per		IEC/EN 60998-2-2			General information	
Overvoltage category		III	III	II	Wiring direction	Side-entry wiring
Pollution degree		3	2	2		
Nominal voltage		-	-	500 V		
Rated impulse withstand voltage		-	-	4 kV		
Rated current		-	-	24 A		



Connection Data

Clamping units	10
Total number of potentials	2
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 fer- rule	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
Pole number	2
Wiring direction	Side-entry wiring

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 fer- rule	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 fer- rule	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	20 mm / 0.787 inches
Height	21.53 mm / 0.848 inches
Height from the surface	17 mm / 0.669 inches
Depth	27.3 mm / 1.075 inches

Mechanical data		
Marking		DA- DA+
Mounting type		Snap-in foot

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		0.094 MJ
Halogen-free		Yes
Weight		6.2 g

Environmental requirements		
Temperature stability		120 °C
T marking		T85

Commercial data		
Product Group		8 (Misc. Chassis Mount Blocks)
PU (SPU)		1000 pcs
Packaging type		Foil
Country of origin		CH
GTIN		4050821098225
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		
RoHS Compliance Status		Compliant, No Exemption
SCIP notification number (Austria)		47ebdcde-a95b-4dd4-860e-aa5e8650de7b
SCIP notification number (Belgium)		9fb0a381-74a5-48b6-bb85-cd2346c46ef2
SCIP notification number (Bulgaria)		3666c701-43f9-442a-b75e-f93094ed943b
SCIP notification number (Czech Republic)		daa0a45d-22e1-475b-8ece-16a0c7547663
SCIP notification number (Denmark)		9d6ab03d-4ca9-458e-ad02-e896e0221199
SCIP notification number (Finland)		75bd94bf-1f4c-4ae7-97ec-b7362d88b3f8
SCIP notification number (France)		30c03d07-c63d-44ec-91e6-05fc17201b70
SCIP notification number (Germany)		c7fb3f7d-3067-4aa3-a25b-a1f2753f4e14
SCIP notification number (Hungary)		2b71b9d6-35a7-4e2f-9475-e8e3878b0f69
SCIP notification number (Italy)		1009d963-4ca5-4ae7-b247-e8e729e2d20d
SCIP notification number (Netherlands)		9083cdce-b3cd-438c-991f-0c52dbdb5b78
SCIP notification number (Poland)		aab2ef89-8351-40f2-b7e8-e0464ec6ce54
SCIP notification number (Romania)		271f28a4-c052-430f-ad91-35a06d8ae234

Environmental Product Compliance	
SCIP notification number (Sweden)	a1ab6e0e-0d53-4ca8-8801-50a4acbb8587

Approvals / Certificates

General approvals		Declarations of conformity and manufacturer's declarations
		
Approval	Standard	Certificate Name
ENEC 05 DEKRA Certification B.V.	EN 60998	2128791.01
		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 294-5032	

Documentation

Bid Text			
294-5032	19.02.2019	xml 5.58 KB	
294-5032	13.06.2017	doc 27.00 KB	

CAD/CAE-Data

CAD data	CAE data
2D/3D Models 294-5032 	WSCAD Universe 294-5032 
	ZUKEN Portal 294-5032 

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

2-pole – without ground contact

Snap-in foot

Drilled hole for snap-in mounting foot

Conductor termination

Contact Technology

• Contact frame made of electrically isolating, fireproof

Ground contact made of copper alloy for ground

• Clamping spring made of high-strength spring steel

EUROPE
1 x 0.5 ... 2.5 mm ² "s"
1 x 0.5 ... 1.5 mm ² "s"
1 x 0.5 ... 0.75 mm ² "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 mm ² "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 mm ² str, f-str"

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

External connection

Internal connection

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

Externe Anschlusseite

Interne Anschlusseite

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