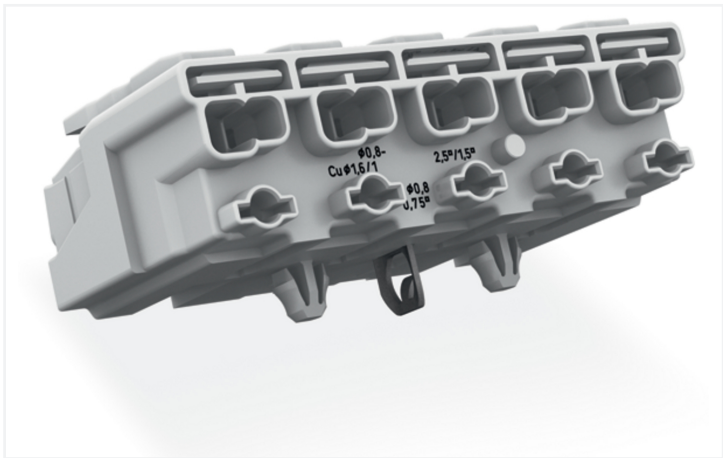


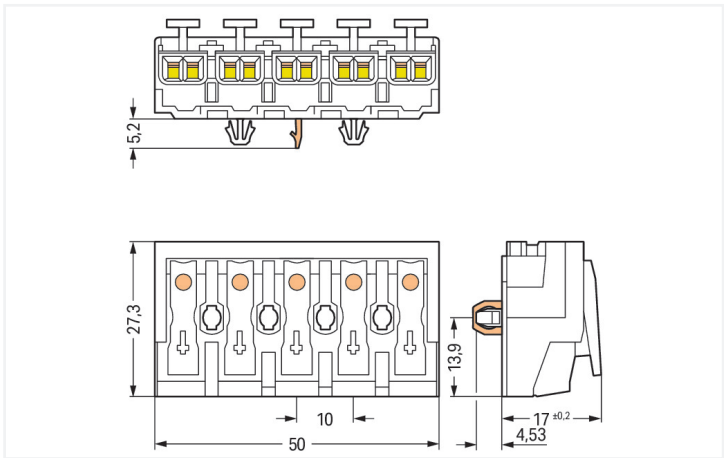
Data Sheet | Item Number: 294-5175

Lighting connector; push-button, external; with direct ground contact; 5-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/294-5175>



Color: white



Dimensions in mm

Field-wiring terminal block, 294 Series, push-button

Our field-wiring terminal block (item number 294-5175) is the perfect way to connect conductors quickly and securely. 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® and 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 is the quick and easy method for connecting solid conductors. The dimensions are (50 x 21.53 x 27.3) mm (width x height x depth). Depending on the type of conductor, this field-wiring terminal block 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 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

Mechanical data		
Marking		DA- N ⊕ L 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		0.231 MJ
Halogen-free		Yes
Weight		15.5 g

Environmental requirements		
Temperature stability		120 °C
T marking		T85

Commercial data		
Product Group		8 (Misc. Chassis Mount Blocks)
PU (SPU)		250 pcs
Packaging type		Foil
Country of origin		CH
GTIN		4050821098386
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)		f5b6a07f-da00-4194-b163-8019f5cdb18a
SCIP notification number (Belgium)		ab849ec9-e322-4992-ba82-ac65a7c199ea
SCIP notification number (Bulgaria)		299d7c6d-e83d-4bec-99aa-ea97516584de
SCIP notification number (Czech Republic)		9301a25f-8ed2-46c3-a3d1-230c7fc11ded
SCIP notification number (Denmark)		33cee305-c28a-42ab-9066-3e3d258259be
SCIP notification number (Finland)		22e436ad-e9c2-4904-8436-b92f9180c7cb
SCIP notification number (France)		a0747c3d-b9e1-4708-8dcc-867836603008
SCIP notification number (Germany)		b93ce7c0-1aec-4b3b-87da-069ea8156295
SCIP notification number (Hungary)		f4622534-eef5-4891-9b00-7a9b7a864740
SCIP notification number (Italy)		1ffeed-bc93-4875-be87-b55fb17a16ec
SCIP notification number (Netherlands)		fc0743e5-9bcb-4ab8-8933-35fd5f9b5eb2
SCIP notification number (Poland)		2fadcfcd-d1e7-4d05-9eaf-35d686e3dcdc
SCIP notification number (Romania)		008bf014-52de-4bc3-a070-4db6e8965bfd

Environmental Product Compliance	
SCIP notification number (Sweden)	28fba77c-242c-4757-8a55-bf66887a936e

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 294-5175	

Documentation

Bid Text			
294-5175	13.06.2017	doc 28.50 KB	
294-5175	19.02.2019	xml 5.59 KB	

CAD/CAE-Data

CAD data	CAE data
2D/3D Models 294-5175 	WSCAD Universe 294-5175 
	ZUKEN Portal 294-5175 

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

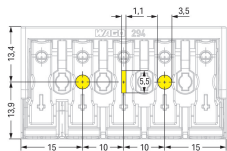
1.1.2.2 Operating tool



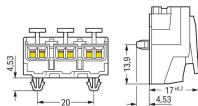
Item No.: 206-294
Disconnection tool; green

Installation Notes

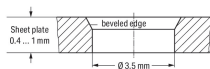
Installation



5-pole – with direct ground contact

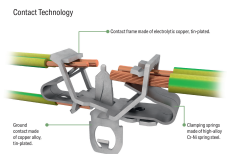


Snap-in foot



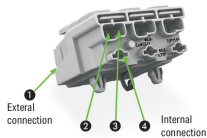
Drilled hole for snap-in mounting foot

Conductor termination



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"

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"

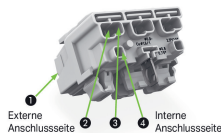


Internal connection:
PUSH WIRE® for internal wiring with solid conductors

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



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



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