Data Sheet | Item Number: 274-4205

Modular through connector; for all conductor types; with levers; max. 2.5 mm²; 4-conductor; 5-pole; white cover; 2,50 mm²; white

https://www.wago.com/274-4205

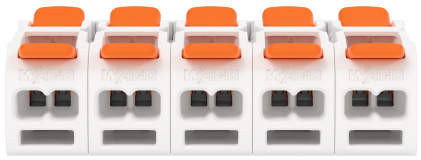


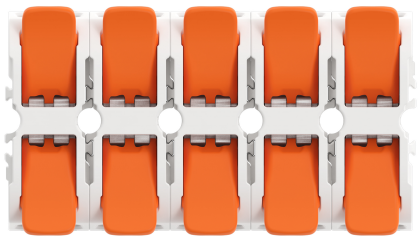


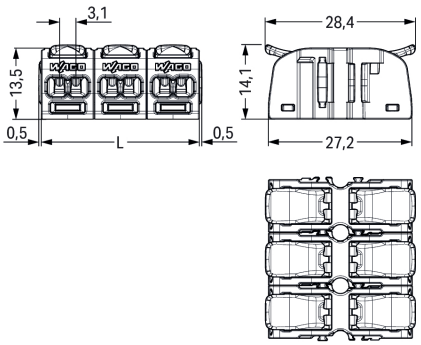
Color: white











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- 2- and 4-conductor modules can be combined by plugging them together to create custom terminal strips.
- Locking pins can be installed at the factory or by the customer.
- Mounting with M3 screws is also possible
- Jumper slots located on both sides below conductor entries
- Multiply potentials via 2-fold jumper – without reducing the connectable conductor cross-section
- Jumpers, locking pins, and strain relief plates are available as separate accessories

Electrical data

Ratings per	IEC/EN 60998-2-2		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	-	-	450 V
Rated impulse withstand voltage	-	-	4 kV
Rated current	-	-	24 A

Ratings per UL	
Rated voltage (UL)	300 V
Rated current UL	15 A

Connection Data

Clamping units	20
Total number of potentials	5
PE function	without PE contact

Connection 1

Connection technology	Push-in CAGE CLAMP®
Actuation Method	Lever
Connectable conductor materials	Copper
Solid conductor	0.2 … 2.5 mm² / 20 … 14 AWG
Solid conductor; push-in termination	0.5 … 2.5 mm² / 20 … 14 AWG
Stranded conductor	0.2 … 1.5 mm² / 20 … 14 AWG
Fine-stranded conductor	0.2 … 2.5 mm² / 20 … 14 AWG
Fine-stranded conductor; with insulated ferrule	0.25 … 1 mm² / 20 … 18 AWG
Fine-stranded conductor; with ferrule; push-in termination	0.75 … 1.5 mm² / 18 … 16 AWG
Strip length	7 … 9 mm / 0.28 … 0.35 inches
Number of poles	5

Physical data

Pin spacing	10 mm / 0.394 inches
Width	51 mm / 2.008 inches
Height	14.1 mm / 0.555 inches
Height from the surface	14.1 mm / 0.555 inches
Depth	28.4 mm / 1.118 inches

Mechanical data

Mounting type	Screw mount

Material data

Note (material data)	Information on material specifications can be found here
Color	white
Cover color	white
Material group	IIIa
Insulation material (main housing)	Polycarbonate (PC)
Flammability class per UL94	V2
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Copper alloy
Contact Plating	Tin
Fire load	0.26 MJ

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Material data

Actuator color	orange
Weight	15.7 g

Environmental requirements

Ambient temperature (storage)	-40 … +60 °C
Relative humidity during storage and transportation	20 … 95 %
Ambient temperature (installation)	-35 … +60 °C
Continuous operating temperature	105 °C

Commercial data

PU (SPU)	60 pcs
Packaging type	Box
Country of origin	DE
GTIN	4066966869972
Customs tariff number	85369010000

Product Classification

UNSPSC	39121409
ETIM 10.0	EC001284
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	IEC 60998	NTR NL-8080
CCA DEKRA Certification B.V.	EN 60947	NTR NL-8089
DEKRA DEKRA Certification B.V.	EN 60947	71-167360
DEKRA DEKRA Certification B.V.	EN 60998	71-167491
ENEC 05 DEKRA Certification B.V.	EN 60998	71-170527
UL Underwriters Laboratories Inc.	UL 2459	UL-US-2577163-4

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Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 274-4205

1 Compatible Products

1.1 Optional Accessories

1.1.1 Jumper

1.1.1.1 Jumper



Item No.: 274-3402
Push-in type wire jumper; for jumper slot; 2-way; insulated; light gray

1.1.2 Strain relief

1.1.2.1 Strain relief

Item No.: 274-5252
Strain relief plate; 19 mm wide; 1 part; lever; Pin spacing 10 mm; 2-pole; white

Item No.: 274-5253
Strain relief plate; 28 mm wide; 1 part; lever; Pin spacing 10 mm; 3-pole; white

Installation Notes

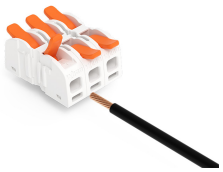
Conductor termination



Strip conductor to 8 … 10 mm (0.31 … 0.39 in)



Terminate solid and ferruled conductors by simply pushing them in.



Terminate fine-stranded conductors and disconnect all conductors.
Open the actuation lever.

Installation



Interlock the modules – slide them vertically into each other until they snap into place. Combining 4 mm² and 2.5 mm² modules is possible.



Manually equip the connector assemblies with locking pins.



Secure the connector assemblies to the base plate using locking pins and pre-drilled holes. The locking feet are suitable for a borehole diameter of 3.5 mm (approx. 0.14 in) and for sheet metal thicknesses of 0.8–1.2 mm (approx. 0.031–0.047 in).



DIN-35 rail mounting with 209-189 snap-in mounting feet

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Commoning



Insert the adjacent jumper – push fully into the jumper slot.
NOTICE: Step-down commoning from 4 mm² to 2.5 mm² modules is not permitted.



Multiply potentials without loss via adjacent jumper.

Strain relief



Insert the strain relief plate.



Push fully into the jumper slot.
NOTICE: Commoning with adjacent jumper on this side is no longer possible!