Data sheet | Item number: 2273-202

COMPACT splicing connector; for solid conductors; max. 2.5 mm²; 2-conductor; transparent housing; white cover; Surrounding air temperature: max 60°C (T60); 2,50 mm²; transparent

www.wago.com/2273-202

Subject to changes. Please also observe the further product documentation!

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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

Item description

Advantages:

- Convenient wiring via extremely compact design
- Push-in termination of up to eight solid conductors
- Cross-section range: 0.5 … 2.5 mm²
- Any combination of conductor sizes is possible
- PUSH WIRE® connection terminates solid (“s”) copper conductors

Data

Notes

Safety information	in grounded power lines

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Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 60998
Nominal voltage (II/2)	450 V
Rated surge voltage (II/2)	4 kV
Rated current	24 A
Legend (ratings)	(II / 2) ≙ Overvoltage category II / Pollution degree 2

Ratings per UL

Approvals per	UL 486C
Rated voltage (UL)	600 V
Rated current (UL)	20 A

Connection data

Connection points	2
Total number of potentials	1

Connection 1

Connection technology	PUSH WIRE®
Actuation type	Push-in
Connectable conductor materials	Copper Aluminum
Connectable conductor materials (note)	**Terminating Aluminum Conductors** WAGO spring clamp terminal blocks are suitable for solid aluminum conductors up to 4 mm²/12 AWG if WAGO “Alu-Plus” Contact Paste 249-130 is used for termination. “Alu-Plus” Contact Paste Advantages: ■ Automatically destroys the oxide film during clamping. ■ Prevents fresh oxidation at the clamping point. ■ Prevents electrolytic corrosion between aluminum and copper conductors (in the same terminal block). ■ Provides long-term protection against corrosion.

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	For spring clamp connections with PUSH WIRE® connection technology, **WAGO recommends that the aluminum conductor first be cleaned** and then immediately inserted into the clamping unit filled with “Alu-Plus” contact paste. It is also possible to apply WAGO “Alu-Plus” **additionally** on the whole surface of the aluminum conductor before termination. Please note that the nominal currents must be adapted to the reduced conductivity of the aluminum conductors:: 2.5 mm² = 16 A 4 mm² = 22 A
Solid conductor	0.5 … 2.5 mm² / 20 … 16 AWG
Strip length	11 mm / 0.43 inches
Wiring direction	Side-entry wiring

Physical data

Width	10 mm / 0.394 inches
Height	5.8 mm / 0.228 inches
Depth	16.7 mm / 0.657 inches

Material Data

Note (material data)	Information on material specifications can be found here
Color	transparent
Cover color	white
Flammability class per UL94	V2
Fire load	0.022 MJ
Weight	0.7 g

Environmental requirements

Ambient temperature (operation)	+60 °C
Continuous operating temperature	105 °C
Temperature marking per EN 60998	T60

Commercial data

Product Group	7 (Push Wire Conn.)

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eCl@ss 10.0	27-14-11-04
eCl@ss 9.0	27-14-11-04
ETIM 8.0	EC000446
ETIM 7.0	EC000446
PU (SPU)	1000 (100) pcs
Packaging type	box
Country of origin	DE
GTIN	4050821027843
Customs tariff number	85369010000

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	cULus_Listed_667F Underwriters Laboratories Inc.	UL 486C	E69654
	VDE VDE Prüf- und Zertifizierungsinstitut	EN 60998	40029794

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
	UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Approvals for marine applications

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	-	15-HG1419918-PDA
	DNV GL Det Norske Veritas, Germanischer Lloyd	EN 60998	TAE000015T
	LR Lloyds Register	EN 60998	LR22207029TA

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Optional accessories

Mounting adapter

Mounting accessories		
	Item no.: 2273-500 Mounting carrier; for single- and double-row con.; 2273 Series; for DIN-35 rail mounting/screw mounting; orange	www.wago.com/2273-500

General accessories

Moisture protection		
	Item no.: 207-1331 Gelbox; Branch; for cables; with gel; 221, 2x73 Series; max. 4 mm² connectors; without splicing connectors; Size 1; gray	www.wago.com/207-1331
	Item no.: 207-1332 Gelbox; Branch; for cables; with gel; 221, 2x73 Series; max. 4 mm² connectors; without splicing connectors; Size 2; gray	www.wago.com/207-1332
	Item no.: 207-1333 Gelbox; Branch; for cables; with gel; 221, 2x73 Series; max. 4 mm² connectors; without splicing connectors; Size 3; gray	www.wago.com/207-1333

Tool

"Alu-Plus" contact paste		
	Item no.: 249-130 Syringe; Contents: 20 ml Alu-Plus contact paste	www.wago.com/249-130

Downloads

Documentation

Bid Text

2273-202 X81 - Datei	2019 年2月19 日	xml 3.2 kB	Download
2273-202 doc - Datei	2017 年5月17 日	doc 25.1 kB	Download
ausschreiben.de 2273-202		URL	Download

CAD/CAE-Data

CAD data

2D/3D Models 2273-202	URL	Download

CAE data

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EPLAN Data Portal 2273-202	URL	Download
WSCAD Universe 2273-202	URL	Download
ZUKEN Portal 2273-202	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2273-202 COMPACT splicing connector; for solid conductors; max. 2.5 mm²; 2-conductor; transparent housing; white cover; Surrounding air temperature: max 60°C (T60); 2,50 mm²; transparent	URL	Download

Installation Notes

Conductor termination

Strip solid conductor to 11 mm/0.43 inch (see marking).

The transparent housing shows if conductors are fully inserted; within the colored base, a clear port shows if the conductor's strip length is correct.

Conductors are correctly stripped if the clear port shows no bare conductor on the unprinted connector side. Picture shows center conductor with exceeded strip length.

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Termination: Insert the stripped solid conductor until it hits the backstop.

Removal: Hold conductor to be removed and twist alternately left and right while pulling the connector.

Testing

Testing via test port opposite to conductor entry.

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