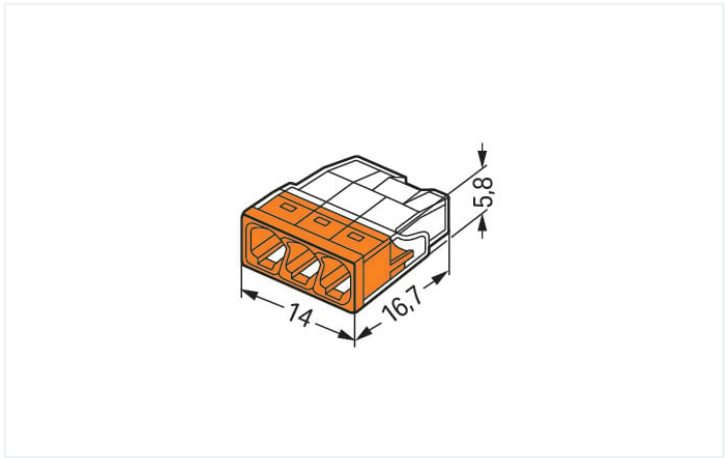


Data Sheet | Item Number: 2273-203

Conector COMPACT; pentru conductori unifilari; max. 2,5 mm²; 3 conductori; carcasă transparentă; capac portocaliu; Temperatură aer ambiant: max 60°C (T60); 2,50 mm²

<https://www.wago.com/2273-203>



Dimensions in mm

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

Notes	
Safety information 1	in grounded power lines

Electrical data			
Ratings per IEC/EN		Ratings per UL 1059	
Ratings per	IEC/EN 60998	Approvals per	UL 486C
Nominal voltage (II/2)	450 V	Rated voltage (UL)	600 V
Rated surge voltage (II/2)	4 kV	Rated current (UL)	20 A
Rated current	24 A		
Legend (ratings)	(II / 2) ≙ Overvoltage category II / Pollution degree 2		

Connection data			
Connection points	3	Connection 1	
Total number of potentials	1	Connection technology	PUSH WIRE®
		Actuation type	Push-in
		Connectable conductor materials	Copper Aluminum



Connection 1	
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. 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
Wiring direction	Side-entry wiring

Physical data	
Width	14 mm / 0.551 inci

Material Data	
Note (material data)	Information on material specifications can be found here
Cover color	orange
Flammability class per UL94	V2
Fire load	0.019 MJ
Weight	1 g

Environmental requirements	
Temperature marking per EN 60998	T60



Commercial data	
Product Group	7 (Push Wire Conn.)
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) Buc.
Packaging type	Box
Country of origin	DE
GTIN	4050821027850
Customs tariff number	85369010000

Approvals / Certificates		
General approvals		Approvals for marine applications
 		  
Approval	Standard	Certificate Name
cULus_Listed_667F Underwriters Laboratories Inc.	UL 486C	E69654
VDE VDE Prüf- und Zertifizierungsinstitut	EN 60998	40029794
Approval	Standard	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

Downloads			
Documentation			
Bid Text			
2273-203	19.02.2019	xml 3.17 KB	
2273-203	17.05.2017	doc 24.50 KB	
ausschreiben.de 2273-203			

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 2273-203 	EPLAN Data Portal 2273-203 
	WSCAD Universe 2273-203 
	ZUKEN Portal 2273-203 

1 Compatible Products



1.1 Optional Accessories

1.1.1 General accessories

1.1.1.1 Moisture protection



Item No.: 207-1332
Gelbox; Derivație; pentru cabluri; cu gel;
Seriile 221, 2x73; conectori de max. 4
mm²; fără conectori pentru cutia de joncți-
une; Mărimea 2; gri

1.1.2 Mounting adapter

1.1.2.1 Mounting accessories



Item No.: 2273-500
Suport de montaj; pentru con. cu una și
două linii; Seria 2273; pt mont. pe șină DIN
35/montare cu șurub; portocaliu

1.1.3 Tool

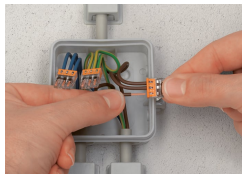
1.1.3.1 "Alu-Plus" contact paste



Item No.: 249-130
Seringă; Conținut: 20 ml de pastă de con-
tact „Alu-Plus”

Installation Notes

Conductor termination



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

The transparent housing shows if con-
ductors are fully inserted; within the colo-
red base, a clear port shows if the con-
ductor'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.

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.