

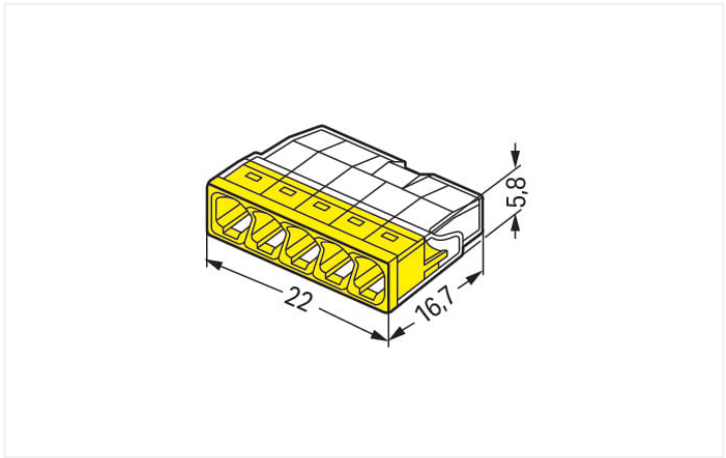
Data Sheet | Item Number: 2273-205

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

<https://www.wago.com/2273-205>



Color: ☐ transparent



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	5	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	22 mm / 0.866 inci

Material Data	
Note (material data)	Information on material specifications can be found here
Color	transparent
Cover color	yellow
Flammability class per UL94	V2
Fire load	0.039 MJ
Weight	1.6 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	4050821027874
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			
2273-205	19.02.2019	xml 3.17 KB	
2273-205	17.05.2017	doc 24.50 KB	
ausschreiben.de 2273-205			

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 2273-205 	EPLAN Data Portal 2273-205 
	WSCAD Universe 2273-205 
	ZUKEN Portal 2273-205 

1 Compatible Products

1.1 Optional Accessories

1.1.1 Mounting adapter

1.1.1.1 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

1.1.2 Tool

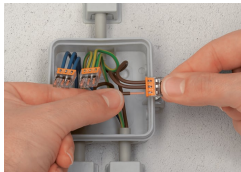
1.1.2.1 "Alu-Plus" contact paste



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

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.

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.