

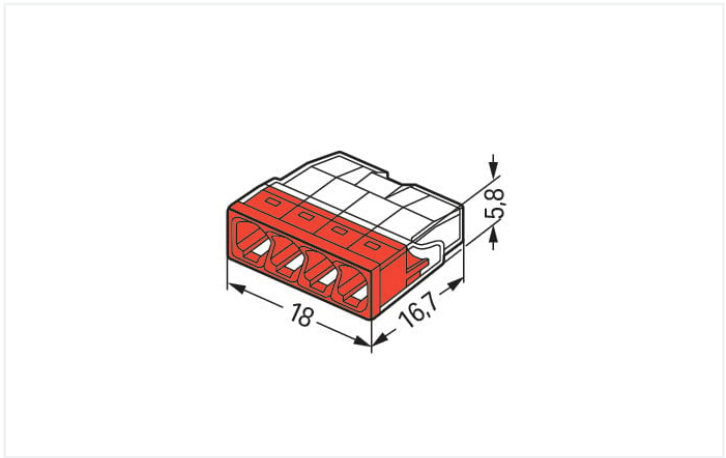
Data Sheet | Item Number: 2273-204

COMPACT splicing connector; for solid conductors; max. 2.5 mm²; 4-conductor; transparent housing; red cover; Surrounding air temperature: max 60°C (T60); 2,50 mm²; transparent

<https://www.wago.com/2273-204>



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	4	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](https://www.wago.com/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 mm ² / 20 ... 16 AWG
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Wiring direction	Side-entry wiring
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Material Data

Note (material data)

[Information on material specifications can be found here](#)

Color	transparent
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Cover color	red
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Flammability class per UL94	V2
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Fire load	0.034 MJ
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Weight	1.3 g
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Environmental requirements

Temperature marking per EN 60998	T60
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Commercial data

Product Group	7 (Push Wire Conn.)
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eCl@ss 10.0	27-14-11-04
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eCl@ss 9.0	27-14-11-04
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ETIM 8.0	EC000446
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ETIM 7.0	EC000446
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PU (SPU)	1000 (100) pcs
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Packaging type	Box
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Country of origin	DE
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GTIN	4050821027867
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Customs tariff number	85369010000
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Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
cULus_Listed_667F Underwriters Laboratories Inc.	UL 486C	E69654
VDE VDE Prüf- und Zertifizie- rungsinstitut	EN 60998	40029794

Approvals for marine applications



Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	-	15-HG1419918-PDA
DNV GL Det Norske Veritas, Ger- manischer Lloyd	EN 60998	TAE000015T
LR Lloyds Register	EN 60998	LR22207029TA

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 2273-204



Documentation

Bid Text			
2273-204	19.02.2019	xml 3.17 KB	
2273-204	17.05.2017	doc 24.50 KB	
ausschreiben.de 2273-204			

CAD/CAE-Data

CAD data
2D/3D Models 2273-204



CAE data
EPLAN Data Portal 2273-204
WSCAD Universe 2273-204
ZUKEN Portal 2273-204



1 Compatible Products

1.1 Optional Accessories

1.1.1 General accessories

1.1.1.1 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



Item No.: 207-1333
Gelbox; Branch; for cables; with gel; 221, 2x73 Series; max. 4 mm² connectors; without splicing connectors; Size 3; gray

1.1.2 Mounting adapter

1.1.2.1 Mounting accessories



Item No.: 2273-500
Mounting carrier; for single- and double-row con.; 2273 Series; for DIN-35 rail mounting/screw mounting; orange

1.1.3 Tool

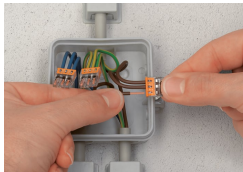
1.1.3.1 "Alu-Plus" contact paste



Item No.: 249-130
Syringe; Contents: 20 ml Alu-Plus contact paste

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.
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Testing



Testing via test port opposite to conductor entry.