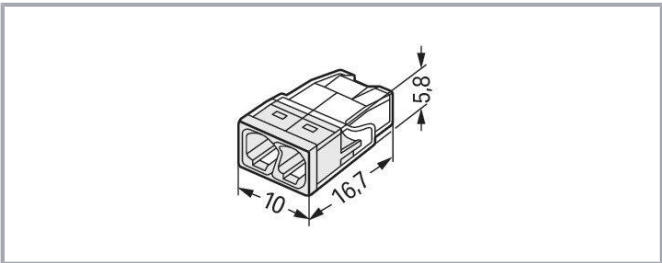


Data sheet | Item number: 2273-202

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



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 |
|--------------------|-------------------------|

Electrical data

Ratings per IEC/EN

| | |
|-------------------------|--------------|
| Ratings per | IEC/EN 60998 |
| Nominal voltage (III/2) | 450 V |

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

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| | |
|----------------------------|--|
| Rated surge voltage (II/2) | 4 kV |
| Rated current | 24 A |
| Legend (ratings) | (II / 2) \triangleq 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.

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



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 |

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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) 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 | - | - |

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

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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 |

Optional accessories

Tool

"Alu-Plus" contact paste

**Item no.: 249-130**

Syringe; Contents: 20 ml Alu-Plus contact paste

www.wago.com/249-130

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

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

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

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Downloads Documentation

Bid Text

| | | | |
|--------------------------|-------------|----------------|----------|
| 2273-202 X81 - Datei | 2019 Feb 19 | xml 3.2 kB | Download |
| 2273-202 doc - Datei | 2017 May 17 | 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

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

Asset Administration Shell

| | | |
|-------------------------------------|-----|----------|
| Asset Administration Shell 2273-202 | URL | Download |
|-------------------------------------|-----|----------|

Environmental Product Compliance

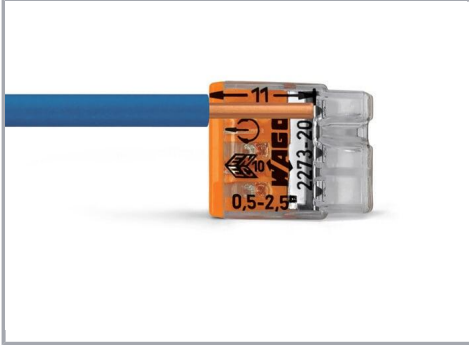
Compliance Search

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

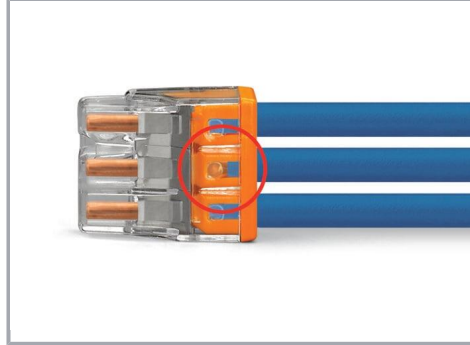
Subject to changes. Please also observe the further product documentation!

Installation Notes

Conductor termination

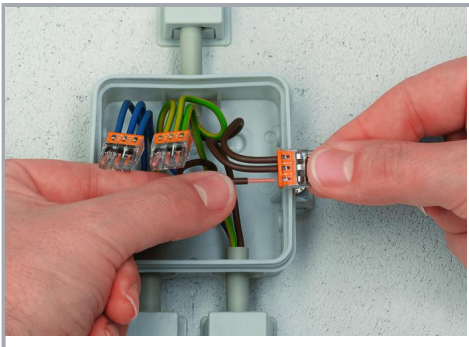


Strip solid conductor to 11 mm/0.43 inch (see marking).

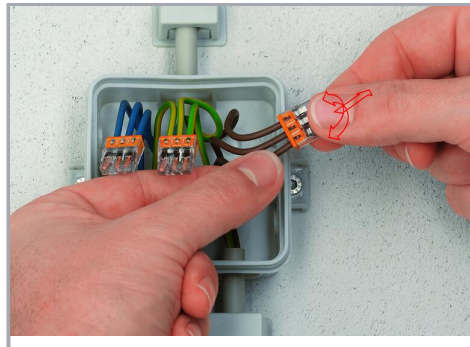


The transparent housing shows if conductors are fully inserted; within the colored base, a clear port shows if the conductor's strip length is correct.

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.



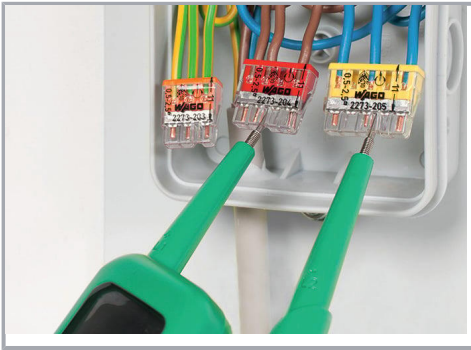
Termination: Insert the stripped solid conductor until it hits the backstop.



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

Testing

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



Testing via test port opposite to conductor entry.

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

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