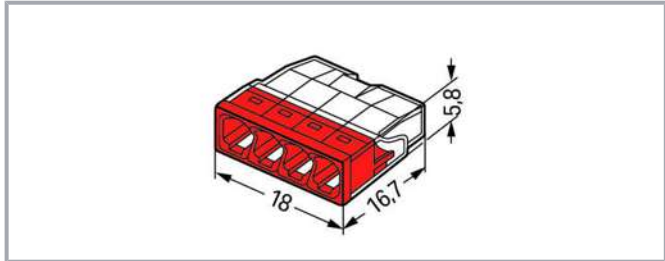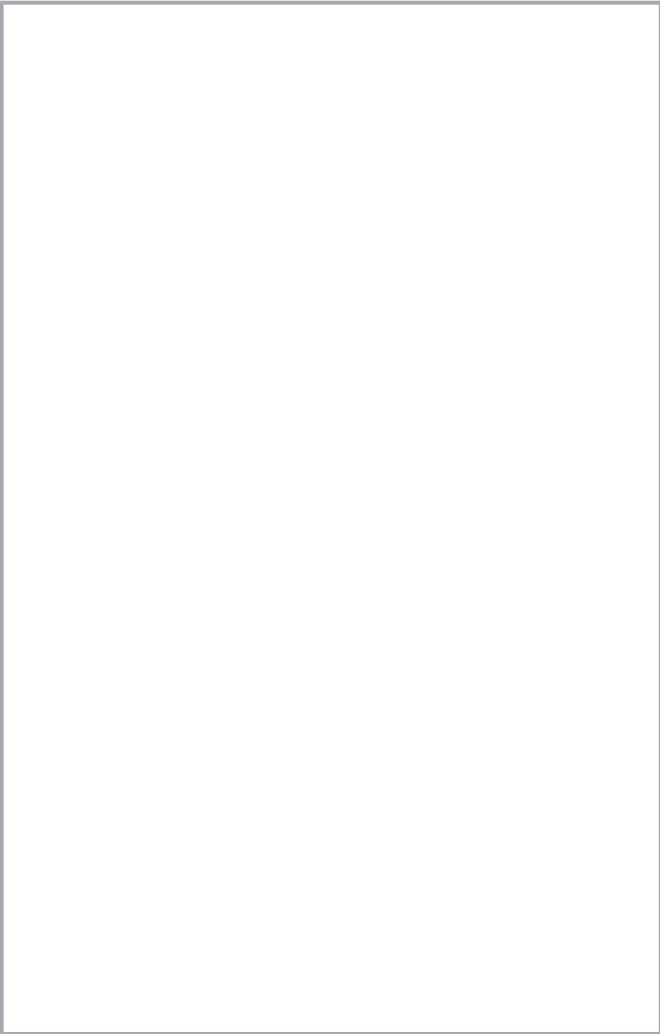# Data sheet | Item number: 2273-244 NEW

COMPACT splicing connector; for solid conductors; Alu-Plus contact paste; max. 2.5 mm²; 4-conductor; transparent housing; red cover; Surrounding air temperature: max 60°C (T60); 2,50 mm²
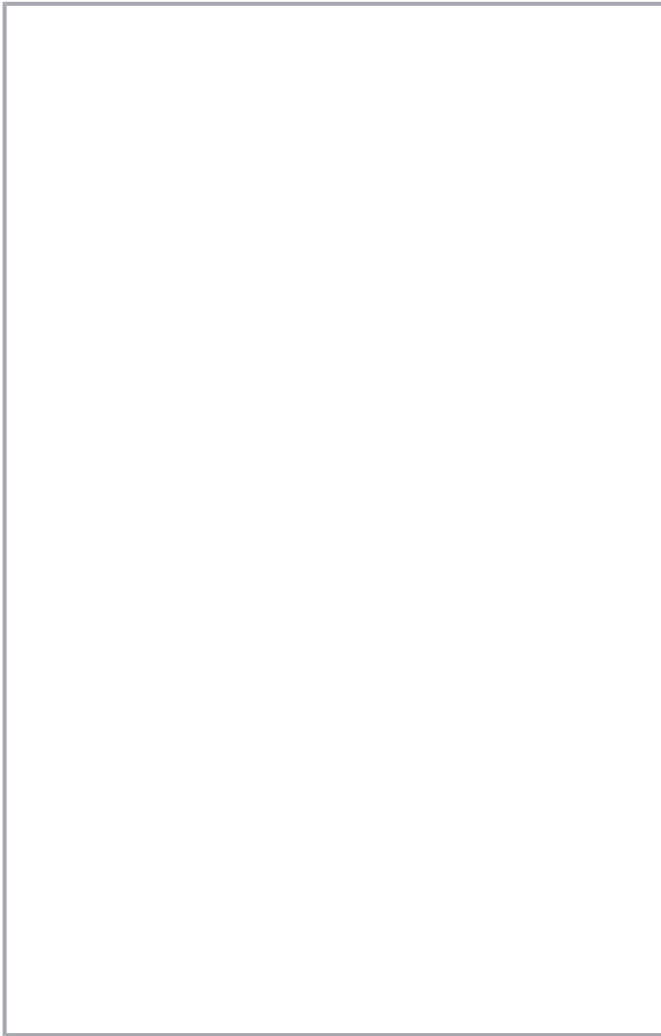
www.wago.com/2273-244



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

## 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 (18 … 14 AWG)

■ Any combination of conductor sizes is possible

■ PUSH WIRE® connection terminates solid ("s") copper conductors

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

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.

## Data
## Notes

| | |
|---|---|
| Safety information 1 | in grounded power lines |

## Electrical data

## IEC Approvals

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

## Connection data

| | |
|---|---|
| Total number of connection points | 4 |
| Total number of potentials | 1 |

## Connection 1

| | |
|---|---|
| Connection technology | PUSH WIRE® |
| Actuation type | Push-in |
| Connectable conductor materials | Copper<br>Aluminum |
| Note on connectable conductor materials | WAGO spring clamp terminal blocks are suitable for solid aluminum conductors up to 4 mm²/12 AWG if WAGO "Alu-Plus" Contact Paste 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 inch |
| Wiring direction | Side-entry wiring |

## Physical data

| | |
|---|---|
| Width | 18 mm / 0.709 inch |
| Height | 5.8 mm / 0.228 inch |
| Depth | 16.7 mm / 0.657 inch |

## Material data

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

## Environmental requirements

| | |
|---|---|
| Surrounding air temperature (operation) | 60 °C |
| Continuous operating temperature | 105 °C |
| Temperature marking per EN 60998 | T60 |

## Commercial data

| | |
|---|---|
| Product Group | 7 (Push Wire Conn.) |
| PU (SPU) | 1000 (100) Pieces |
| Country of origin | DE |

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

| GTIN | 4050821032007 |
|---|---|
| Customs tariff number | 85369010000 |

## Approvals / Certificates

### Country specific Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|---|---|---|---|
| VDE | **VDE**<br>VDE Prüf- und Zertifizierungsinstitut | EN 60998 | 40029794 |

### Ship Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|---|---|---|---|
| ABS | **ABS**<br>American Bureau of Shipping | - | 15-HG1419918-PDA |
| | **DNV GL**<br>Det Norske Veritas, Germanischer Lloyd | EN 60998 | TAE000015T |

## 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

## Downloads
## Documentation

**Additional Information**

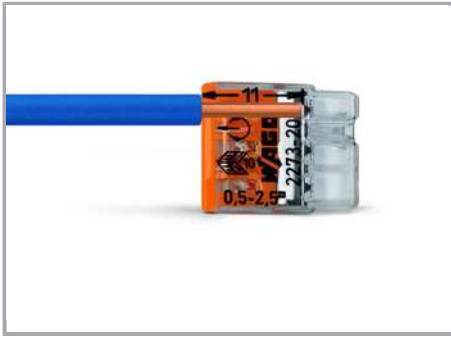| Technical explanations | | pdf<br>2.2 MB | Download |
|---|---|---|---|
| | | pdf<br>125.0 kB | Download |

## Installation Notes

**Conductor termination**

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

WAGO Corporation
Germantown, WI 53022
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222
Email: info.us@wago.com | Web: www.wago.us

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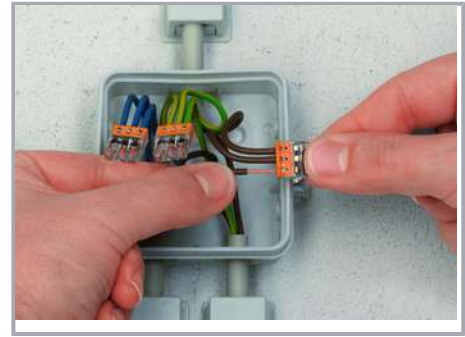We are always happy to take your call at +49 (571) 887-44222.

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!