

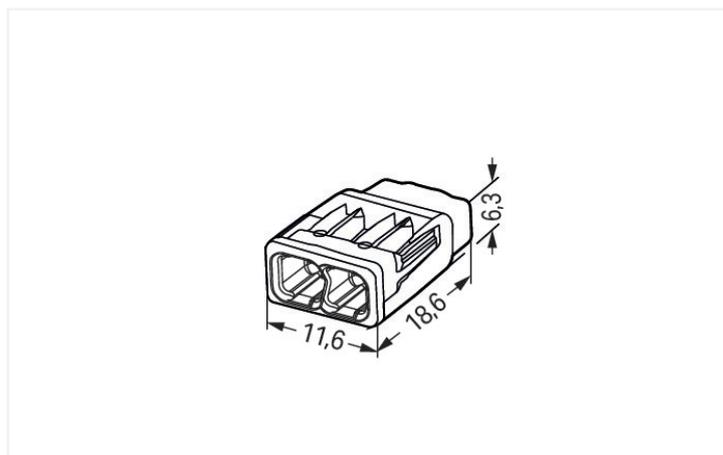
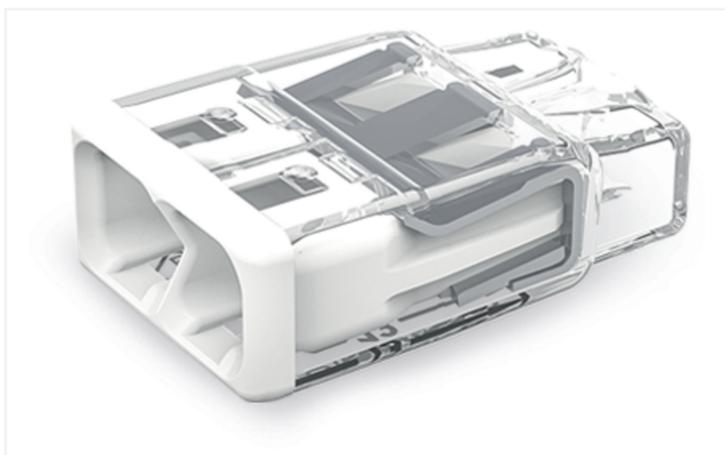
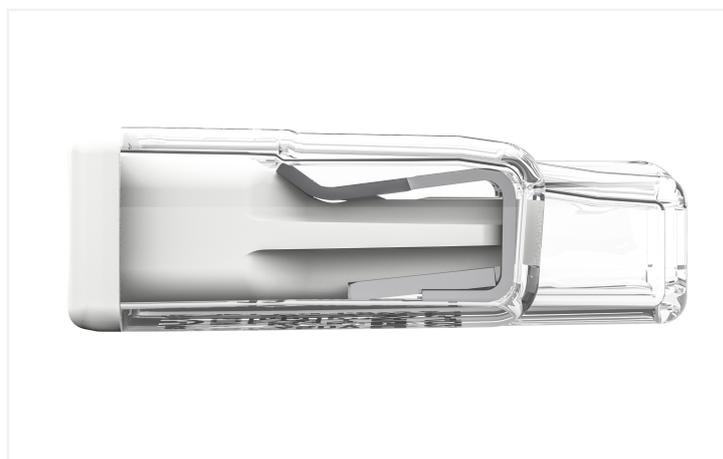
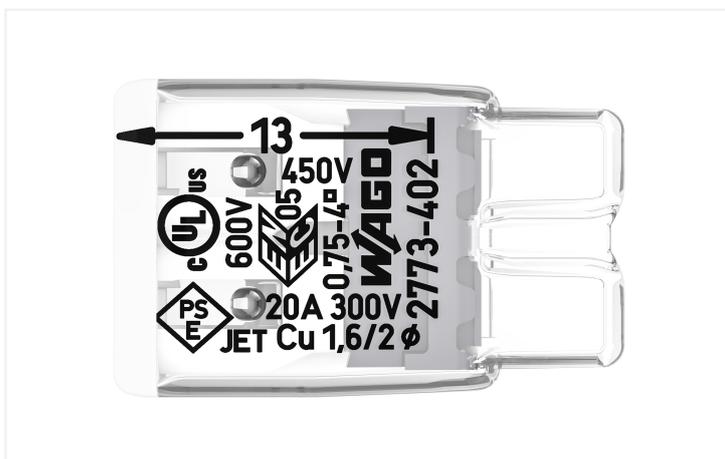
**Data Sheet | Item Number: 2773-402**

PUSH WIRE® splicing connector; for solid and stranded conductors; max. 4 mm<sup>2</sup>; 2-conductor; transparent housing; white cover; Surrounding air temperature: max 85°C (T85); 4,00 mm<sup>2</sup>; transparent

<https://www.wago.com/2773-402>



Color:  transparent



Dimensions in mm

Push wire® splicing connector, 2773 Series, Push-in

Our push wire® splicing connector (item number 2773-402) ensures effortless electrical installations. Quickly and securely connect conductors in any building installation with WAGO's 2773 Series PUSH WIRE® connectors, designed for both surface and flush-mounted junction boxes. Whether you intend to use them in private or commercial applications, this series of PUSH WIRE® connectors for junction boxes ensures simple and time-saving installations. Rated current and voltage are key factors to consider when selecting a splicing connector, as they determine the product's suitability for different applications. This product has a rated voltage of 450 V and a rated current of 32 A, making it suitable for high-load applications. Conductors can only be connected to push wire® splicing connector if their strip length is 13 mm. This product features conductor terminals and utilizes PUSH WIRE®. Our trusted PUSH WIRE® connection offers the fastest method for clamping conductors. It utilizes the conductor's stiffness to overcome the clamping spring's contact force. Dimensions: 11.6 x 6.3 x 18.6 mm (width x height x depth). Depending on the conductor type, push wire® splicing connector is ideal for conductor cross sections ranging from 0.75 mm<sup>2</sup> to 4 mm<sup>2</sup>. The contact surface is coated with tin.

| Notes                       |  |
|-----------------------------|--|
| General safety instructions | <p><b>NOTICE: Observe installation and safety instructions!</b></p> <ul style="list-style-type: none"> <li>• <b>Only to be used by electricians!</b></li> <li>• Do not work under voltage/load!</li> <li>• Use only for proper use!</li> <li>• Observe national regulations/standards/guidelines!</li> <li>• Observe technical specifications for the products!</li> <li>• Observe the number of permissible potentials!</li> <li>• Do not use damaged/dirty components!</li> <li>• Observe conductor types, cross-sections and strip lengths!</li> <li>• Insert conductor until it hits the product's backstop!</li> <li>• Use original accessories!</li> </ul> <p><b>To be sold only with installation instructions!</b></p> |

| Electrical data      |              |     |       |               |         |         |
|----------------------|--------------|-----|-------|---------------|---------|---------|
| Ratings per          | IEC/EN 60998 |     |       | Approvals per | UL 486C |         |
| Overvoltage category | III          | III | II    | Use group     | B       | C D     |
| Pollution degree     | 3            | 2   | 2     | Rated voltage | -       | 600 V - |
| Nominal voltage      | -            | -   | 450 V | Rated current | -       | 20 A -  |
| Rated surge voltage  | -            | -   | 4 kV  |               |         |         |
| Rated current        | -            | -   | 32 A  |               |         |         |

| Connection data                 |  |   |              |  |                       |            |                |         |                                 |        |                 |  |                    |   |                    |                              |              |                     |                  |                   |
|---------------------------------|--|---|--------------|--|-----------------------|------------|----------------|---------|---------------------------------|--------|-----------------|--|--------------------|---|--------------------|------------------------------|--------------|---------------------|------------------|-------------------|
| Clamping units                  | 2  | <table border="1"> <thead> <tr> <th colspan="2">Connection 1</th> </tr> </thead> <tbody> <tr> <td>Connection technology</td> <td>PUSH WIRE®</td> </tr> <tr> <td>Actuation type</td> <td>Push-in</td> </tr> <tr> <td>Connectable conductor materials</td> <td>Copper</td> </tr> <tr> <td>Solid conductor</td> <td>0.75 ... 4 mm<sup>2</sup> / 20 ... 12 AWG</td> </tr> <tr> <td>Stranded conductor</td> <td>1.5 ... 4 mm<sup>2</sup> / 18 ... 12 AWG</td> </tr> <tr> <td>Conductor diameter</td> <td>1.6 ... 2 mm / 20 ... 12 AWG</td> </tr> <tr> <td>Strip length</td> <td>13 mm / 0.51 inches</td> </tr> <tr> <td>Wiring direction</td> <td>Side-entry wiring</td> </tr> </tbody> </table> | Connection 1 |  | Connection technology | PUSH WIRE® | Actuation type | Push-in | Connectable conductor materials | Copper | Solid conductor | 0.75 ... 4 mm <sup>2</sup> / 20 ... 12 AWG | Stranded conductor | 1.5 ... 4 mm <sup>2</sup> / 18 ... 12 AWG | Conductor diameter | 1.6 ... 2 mm / 20 ... 12 AWG | Strip length | 13 mm / 0.51 inches | Wiring direction | Side-entry wiring |
| Connection 1                    |  |   |              |  |                       |            |                |         |                                 |        |                 |  |                    |   |                    |                              |              |                     |                  |                   |
| Connection technology           | PUSH WIRE®                                 |   |              |  |                       |            |                |         |                                 |        |                 |  |                    |   |                    |                              |              |                     |                  |                   |
| Actuation type                  | Push-in                                    |   |              |  |                       |            |                |         |                                 |        |                 |  |                    |   |                    |                              |              |                     |                  |                   |
| Connectable conductor materials | Copper                                     |   |              |  |                       |            |                |         |                                 |        |                 |  |                    |   |                    |                              |              |                     |                  |                   |
| Solid conductor                 | 0.75 ... 4 mm <sup>2</sup> / 20 ... 12 AWG |   |              |  |                       |            |                |         |                                 |        |                 |  |                    |   |                    |                              |              |                     |                  |                   |
| Stranded conductor              | 1.5 ... 4 mm <sup>2</sup> / 18 ... 12 AWG  |   |              |  |                       |            |                |         |                                 |        |                 |  |                    |   |                    |                              |              |                     |                  |                   |
| Conductor diameter              | 1.6 ... 2 mm / 20 ... 12 AWG               |   |              |  |                       |            |                |         |                                 |        |                 |  |                    |   |                    |                              |              |                     |                  |                   |
| Strip length                    | 13 mm / 0.51 inches                        |   |              |  |                       |            |                |         |                                 |        |                 |  |                    |   |                    |                              |              |                     |                  |                   |
| Wiring direction                | Side-entry wiring                          |   |              |  |                       |            |                |         |                                 |        |                 |  |                    |   |                    |                              |              |                     |                  |                   |
| Total number of potentials      | 1  |   |              |  |                       |            |                |         |                                 |        |                 |  |                    |   |                    |                              |              |                     |                  |                   |

| Physical data |                        |
|---------------|------------------------|
| Width         | 11.6 mm / 0.457 inches |
| Height        | 6.3 mm / 0.248 inches  |
| Depth         | 18.6 mm / 0.732 inches |

## Material data

Note (material data)

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

|                                    |  |
|------------------------------------|--|
| Color                              | transparent                            |
| Cover color                        | white                                  |
| Material group                     | IIIa                                   |
| Insulation material (main housing) | Polycarbonate (PC)                     |
| Flammability class per UL94        | V2                                     |
| Clamping spring material           | Chrome-nickel spring steel (CrNi)      |
| Contact material                   | Electrolytic copper (E <sub>Cu</sub> ) |
| Contact Plating                    | Tin                                    |
| Fire load                          | 0.034 MJ                               |
| Weight                             | 1.1 g                                  |

## Environmental requirements

|                                  |                 |
|----------------------------------|-----------------|
| Ambient temperature (operation)  | +85 °C          |
| Processing temperature           | -35 ... +60 °C  |
| Continuous operating temperature | -40 ... +105 °C |
| Temperature marking per EN 60998 | T85             |

## Commercial data

|                       |                |
|-----------------------|----------------|
| PU (SPU)              | 1200 (120) pcs |
| Packaging type        | Box            |
| Country of origin     | DE             |
| GTIN                  | 4055143895408  |
| Customs tariff number | 85369010000    |

## Product classification

|        |          |
|--------|----------|
| UNSPSC | 39121409 |
|--------|----------|

## Environmental Product Compliance

|                        |                         |
|------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |
|------------------------|-------------------------|

## Approvals / Certificates

### General approvals



| Approval   | Standard  | Certificate Name |
|--|-----------|------------------|
| CB<br>DEKRA Certification B.V.                   | IEC 60998 | NL-86543         |
| ENEC 05<br>DEKRA Certification B.V.              | EN 60998  | 71-127515        |
| KEMA/KEUR<br>DEKRA Certification B.V.            | EN 60669  | 71-101844        |
| UL_Listed_667F<br>Underwriters Laboratories Inc. | UL 486C   | E69654           |
| UL<br>Underwriters Laboratories Inc.             | UL 467    | 20180215-E201573 |

### Declarations of conformity and manufacturer's declarations

| Approval   | Standard | Certificate Name |
|--|----------|------------------|
| EU-Declaration of Conformity<br>WAGO GmbH & Co. KG | -        | -                |
| UK-Declaration of Conformity<br>WAGO GmbH & Co. KG | -        | -                |

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2773-402



CAD/CAE-Data

CAD data

2D/3D Models  
2773-402



1 Compatible Products

1.1 Optional Accessories

1.1.1 General accessories

1.1.1.1 Moisture protection



[Item No.: 207-1332](#)

Gelbox; Branch; for cables; with gel; 221, 2x73 Series; max. 4 mm<sup>2</sup> connectors; without splicing connectors; Size 2; gray

[Item No.: 207-1333](#)

Gelbox; Branch; for cables; with gel; 221, 2x73 Series; max. 4 mm<sup>2</sup> connectors; without splicing connectors; Size 3; gray

1.1.2 Mounting adapter

1.1.2.1 Mounting accessories



[Item No.: 2773-500](#)

Mounting carrier; for single- and double-row con.; 2773 Series; for DIN-35 rail mounting/screw mounting; orange

Installation Notes

Conductor termination



Strip solid or stranded conductor to 13 mm (0.51 inch).



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 conductor until it hits the backstop.



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

## Conductor termination



Solid conductors are inserted into the connector by simply pushing them in.

Stranded conductors are inserted into the connector by simply pushing them in.

## Testing



Testing via test port opposite to conductor entry.

## Application



Thanks to their flat and compact design, these connectors are ideal for wiring in flush-mount switch boxes.



With six variants, always have the right connector.