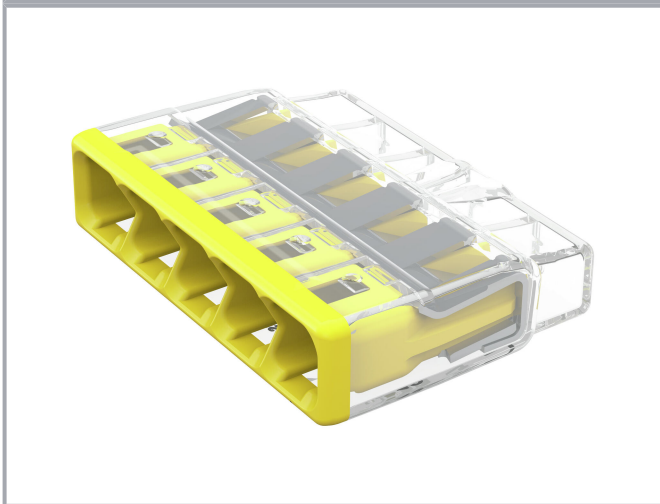
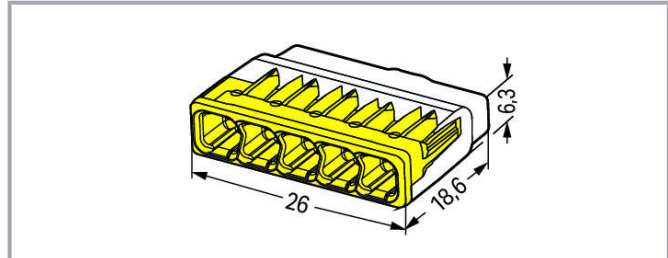


## Data sheet | Item number: 2773-405

COMPACT splicing connector; for solid and stranded conductors; max. 4 mm<sup>2</sup>; 5-conductor; transparent housing; yellow cover; Surrounding air temperature: max 85°C (T85); 4,00 mm<sup>2</sup>; transparent

[www.wago.com/2773-405](http://www.wago.com/2773-405)



### Item description

#### Advantages:

- Convenient wiring via extremely compact design
- Push-in termination of up to eight solid and stranded conductors
- Conductor range: 0.75 ... 4 mm<sup>2</sup> "s" and 1.5 ... 4 mm<sup>2</sup> "st"
- 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!

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



## Data

### Electrical data

#### Ratings per IEC/EN

|                            |                                                                |
|----------------------------|----------------------------------------------------------------|
| Ratings per                | IEC/EN 60998                                                   |
| Nominal voltage (II/2)     | 450 V                                                          |
| Rated surge voltage (II/2) | 4 kV                                                           |
| Rated current              | 32 A                                                           |
| Legend (ratings)           | (II / 2) $\Delta$ Overvoltage category II / Pollution degree 2 |

#### Ratings per UL

|                                |         |
|--------------------------------|---------|
| Approvals per                  | UL 486C |
| Rated voltage UL (Use Group C) | 600 V   |
| Rated current UL (Use Group C) | 20 A    |

#### Connection data

|                                   |                                            |
|-----------------------------------|--------------------------------------------|
| 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                               |
| Strip length                      | 13 mm / 0.51 inch                          |
| Total number of connection points | 5                                          |
| Total number of potentials        | 1                                          |
| Wiring type                       | Side-entry wiring                          |

#### Physical data

|        |                      |
|--------|----------------------|
| Width  | 26 mm / 1.024 inch   |
| Height | 6.3 mm / 0.248 inch  |
| Depth  | 18.6 mm / 0.732 inch |

#### Material data

|                             |             |
|-----------------------------|-------------|
| Color                       | transparent |
| Cover color                 | yellow      |
| Flammability class per UL94 | V2          |

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



|           |          |
|-----------|----------|
| Fire load | 0.012 MJ |
| Weight    | 2.6 g    |

## Environmental requirements

|                                         |                 |
|-----------------------------------------|-----------------|
| Surrounding air temperature (operation) | 85 °C           |
| Continuous operating temperature        | -40 ... +105 °C |
| Temperature marking per EN 60998        | T85             |

## Commercial data

|                       |               |
|-----------------------|---------------|
| Packaging type        | BOX           |
| Country of origin     | DE            |
| GTIN                  | 4055143919241 |
| Customs tariff number | 85369010000   |

## Approvals / Certificates

### Country specific Approvals

| Logo                                                                               | Approval                                     | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|----------------------------------------------|--------------------------|------------------|
|                                                                                    | <b>CB</b><br>DEKRA Certification B.V.        | IEC 60998                | NL-49187         |
|  | <b>KEMA/KEUR</b><br>DEKRA Certification B.V. | EN 60669                 | 71-<br>101844    |

### UL-Approvals

| Logo                                                                                | Approval                                    | Additional Approval Text | Certificate name     |
|-------------------------------------------------------------------------------------|---------------------------------------------|--------------------------|----------------------|
|  | <b>UL</b><br>Underwriters Laboratories Inc. | UL 467                   | 20180215-<br>E201573 |

## Optional accessories

### Mounting adapter

|                                                                                   |                                                                                                                                       |                                                                  |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
|  | Item no.: 2773-500<br>Mounting carrier; for single- and double-row con.; 2773 Series; for DIN-35 rail mounting/screw mounting; orange | <a href="http://www.wago.com/2773-500">www.wago.com/2773-500</a> |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|

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

## Downloads Documentation

### Additional Information

Technical explanations

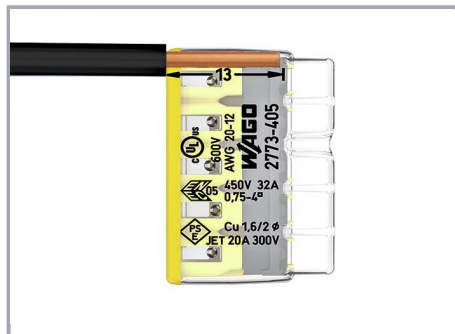
2019 Apr 3

pdf  
2.2 MB

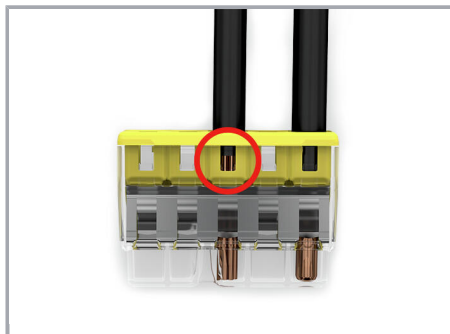
Download

## Installation Notes

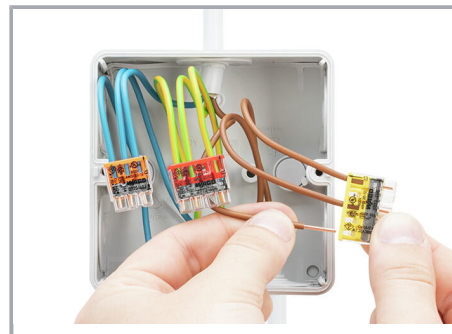
### Conductor termination



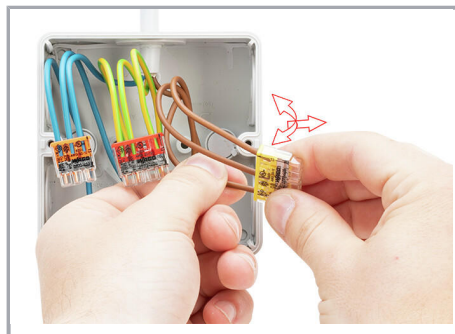
Strip solid or stranded conductor to 13 mm (0.51 inch).



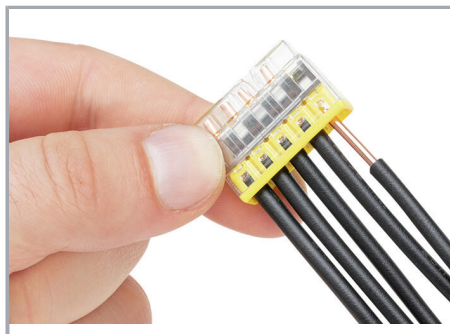
The transparent housing shows if conductors are fully inserted; within the colored base, a clear port shows if the conductor's strip length is correct. Conductors are correctly stripped if the clear port shows no bare conductor on the unprinted connector side. Picture shows center conductor with exceeded strip length.



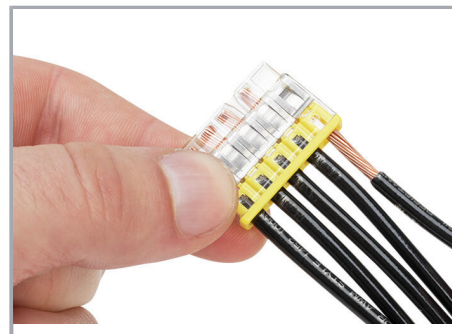
Termination: Insert the stripped conductor until it hits the backstop.



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



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



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

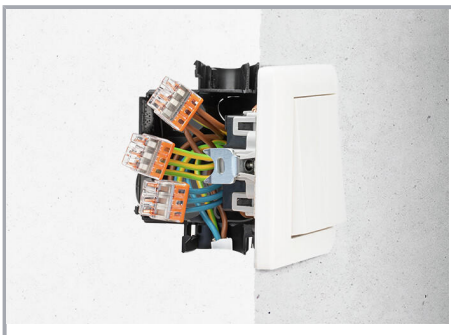
### Testing

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

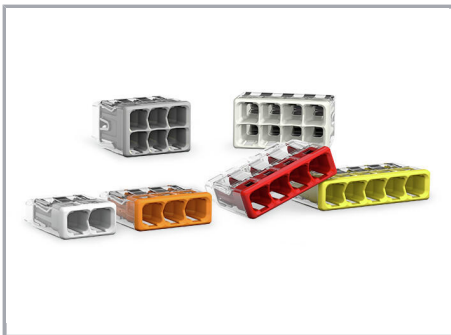


Testing via test port opposite to conductor entry.

#### 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.

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