

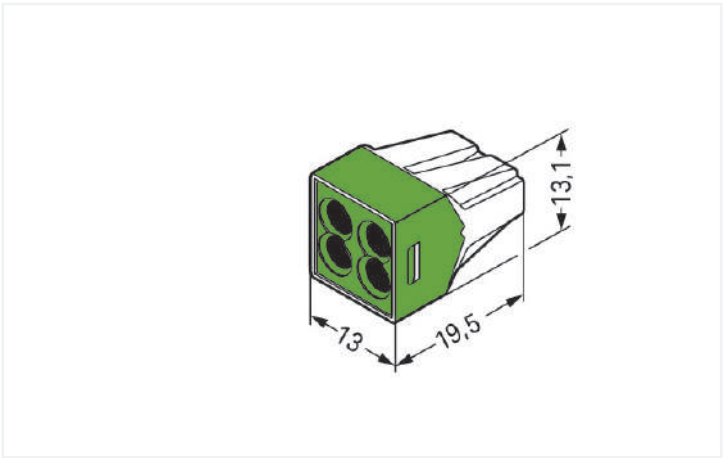
**Data Sheet | Item Number: 773-114**

PUSH WIRE® connector for junction boxes; for solid and stranded conductors; max. 2.5 mm²; 4-conductor; transparent housing; green cover; Surrounding air temperature: max 60°C; 2,50 mm²; transparent

<https://www.wago.com/773-114>



Color: ☐ transparent



Dimensions in mm

Push wire® splicing connector, 773 Series, PUSH WIRE®

Our push wire® splicing connector (item number 773-114) simplifies electrical installations. This series of PUSH WIRE® connectors ensures safe and quick connections in both surface-mounted and flush-mounted junction boxes in any building, regardless of installation complexity. This splicing connector has a rated voltage of 400 V and can handle currents up to 24 A, making it ideal for high-load applications. Strip lengths must be 12 mm when connecting conductors to push wire® splicing connector. This product features conductor terminals and utilizes PUSH WIRE®. Our PUSH WIRE® connection is the simple and reliable method for connecting solid conductors. The item's dimensions are 13 x 13.1 x 19.5 mm (width x height x depth). Push wire® splicing connector is suitable for conductor cross sections ranging from 0.75 mm² to 2.5 mm². Tin is used for coating the contact surfaces.

### Notes

General safety instructions

**NOTICE: Observe installation and safety instructions!**

- **Only to be used by electricians!**
- Do not work under voltage/load!
- Use only for proper use!
- Observe national regulations/standards/guidelines!
- Observe technical specifications for the products!
- Observe the number of permissible potentials!
- Do not use damaged/dirty components!
- Observe conductor types, cross-sections and strip lengths!
- Insert conductor until it hits the product's backstop!
- Use original accessories!

**To be sold only with installation instructions!**

Safety Information

in grounded power lines

| Electrical data      |                |     |       |
|----------------------|----------------|-----|-------|
| Ratings per          | IEC/EN 60664-1 |     |       |
| Overvoltage category | III            | III | II    |
| Pollution degree     | 3              | 2   | 2     |
| Nominal voltage      | -              | -   | 400 V |
| Rated surge voltage  | -              | -   | 4 kV  |
| Rated current        | -              | -   | 24 A  |



| Connection data            |   |                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------|---|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clamping units             | 4 | Connection 1                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Total number of potentials | 1 | Connection technology                  | PUSH WIRE®                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                            |   | Actuation type                         | Push-in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                            |   | Connectable conductor materials        | Copper<br>Aluminum                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                            |   | Connectable conductor materials (note) | <b>Terminating Aluminum Conductors (not for use in North America)</b> WAGO Spring-Clamp Terminal Blocks are also suitable for solid aluminum conductors up to 4 mm²/12 AWG if WAGO “Alu-Plus” Contact Paste <a href="#">249-130</a> is used for termination.<br><br>“Alu-Plus” Contact Paste Advantages: <ul style="list-style-type: none"><li>• Automatically destroys the oxide film during clamping.</li><li>• Prevents fresh oxidation at the clamping point.</li><li>• Prevents electrolytic corrosion between aluminum and copper conductors (in the same terminal block).</li><li>• Provides long-term protection against corrosion.</li></ul><br>For spring pressure connections with PUSH WIRE® connection technology, <b>WAGO recommends that the aluminum conductor first be cleaned</b> and then immediately inserted into the clamping unit filled with “Alu-Plus” contact paste.<br><br>It is also possible to apply WAGO “Alu-Plus” <b>additionally</b> on the whole surface of the aluminum conductor before termination.<br><br>Please note that the nominal currents must be adapted to the reduced conductivity of the aluminum conductors::<br>2.5 mm² = 16 A<br>4 mm² = 22 A |
|                            |   | Solid conductor                        | 0.75 ... 2.5 mm² / 18 ... 12 AWG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                            |   | Stranded conductor                     | 1.5 ... 2.5 mm² / 16 ... 12 AWG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                            |   | Strip length                           | 12 mm / 0.47 inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                            |   | Wiring direction                       | Side-entry wiring                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

| Physical data |  |                        |
|---------------|--|------------------------|
| Width         |  | 13 mm / 0.512 inches   |
| Height        |  | 13.1 mm / 0.516 inches |
| Depth         |  | 19.5 mm / 0.768 inches |

| Material data                      |                                                                          |
|------------------------------------|--------------------------------------------------------------------------|
| Note (material data)               | <a href="#">Information on material specifications can be found here</a> |
| Color                              | transparent                                                              |
| Cover color                        | green                                                                    |
| 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 MJ                                                                     |
| Weight                             | 2.7 g                                                                    |



| Environmental requirements       |        |
|----------------------------------|--------|
| Ambient temperature (operation)  | +60 °C |
| Continuous operating temperature | 105 °C |

| Commercial data |                     |
|-----------------|---------------------|
| Product Group   | 7 (Push Wire Conn.) |
| eCl@ss 10.0     | 27-14-11-04         |
| ETIM 9.0        | EC000446            |
| ETIM 8.0        | EC000446            |
| PU (SPU)        | 1000 (100) pcs      |
| Packaging type  | Box                 |
| GTIN            | 4044918397797       |

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

Approvals / Certificates

| General approvals                   |          |                  |
|-------------------------------------|----------|------------------|
|                                     |          |                  |
| Approval                            | Standard | Certificate Name |
| CCA<br>UL International Demko A/S   | EN 60998 | CCA-DK No. 2520  |
| CSA<br>DEKRA Certification B.V.     | C22.2    | 15411 (LR46759)  |
| UL<br>UL International Germany GmbH | UL 467   | E201573          |
| UL<br>UL International Germany GmbH | EN 60998 | D-03479-A1       |

| 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         | -        | -                |

| Approvals for marine applications                |          |                  |
|--------------------------------------------------|----------|------------------|
|                                                  |          |                  |
| Approval                                         | Standard | Certificate Name |
| ABS<br>American Bureau of Shipping               | -        | 18-HG1755093-PDA |
| BV<br>Bureau Veritas S.A.                        | EN 60998 | 11914/D0 BV      |
| DNV GL<br>Det Norske Veritas, Germanischer Lloyd | EN 60998 | TAE000015T       |
| LR<br>Lloyds Register                            | EN 60998 | LR22207029TA     |

| Downloads                                |                                                                                   |
|------------------------------------------|-----------------------------------------------------------------------------------|
| Environmental Product Compliance         |                                                                                   |
| Compliance Search                        |                                                                                   |
| Environmental Product Compliance 773-114 |  |

| CAD/CAE-Data              |                                                                                   |
|---------------------------|-----------------------------------------------------------------------------------|
| CAE data                  |                                                                                   |
| EPLAN Data Portal 773-114 |  |
| WSCAD Universe 773-114    |  |

| 1 Compatible Products        |
|------------------------------|
| 1.1 Optional Accessories     |
| 1.1.1 Mounting adapter       |
| 1.1.1.1 Mounting accessories |



**Item No.: 773-332**  
Mounting carrier; 773 Series - 2.5 mm² / 4 mm² / 6 mm²; for DIN-35 rail mounting/ screw mounting; orange

|                                  |
|----------------------------------|
| 1.1.2 Tool                       |
| 1.1.2.1 "Alu-Plus" contact paste |



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