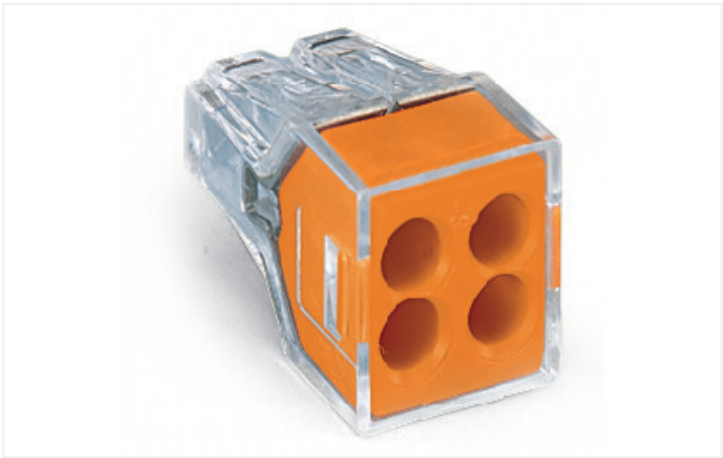


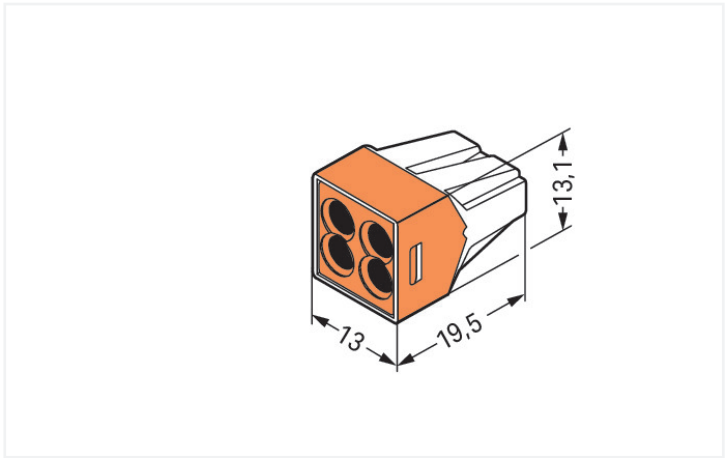
**Data Sheet | Item Number: 773-104**

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

<https://www.wago.com/773-104>



Color: ☐ multi-colored



Dimensions in mm

**Notes**

|                    |                         |
|--------------------|-------------------------|
| 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**

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

| Connection 1                    |                    |
|---------------------------------|--------------------|
| Connection technology           | PUSH WIRE®         |
| Actuation type                  | Push-in            |
| Connectable conductor materials | Copper<br>Aluminum |

| Connection 1                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Connectable conductor materials (note) | <p><b>Terminating Aluminum Conductors</b></p> <p>WAGO spring clamp terminal blocks are suitable for solid aluminum conductors up to 4 mm²/12 AWG if WAGO "Alu-Plus" Contact Paste <a href="https://www.wago.com/249-130">249-130</a> is used for termination.</p> <p>"Alu-Plus" Contact Paste Advantages:</p> <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> <p>For spring clamp 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.</p> <p>It is also possible to apply WAGO "Alu-Plus" <b>additionally</b> on the whole surface of the aluminum conductor before termination.</p> <p>Please note that the nominal currents must be adapted to the reduced conductivity of the aluminum conductors::</p> <p>2.5 mm² = 16 A<br/>4 mm² = 22 A</p> |
| Solid conductor                        | 0.75 ... 2.5 mm² / 18 ... 12 AWG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Stranded conductor                     | 1.5 ... 2.5 mm² / 16 ... 12 AWG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Note (conductor cross-section)         | When using conductors of the same diameter, 0.75 mm²/18 AWG cross-section is also possible.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 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                       | multi-colored                                                            |
| Cover color                 | orange                                                                   |
| Flammability class per UL94 | V2                                                                       |
| Fire load                   | 0.056 MJ                                                                 |
| Weight                      | 2.5 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         |
| 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     | CN                  |
| GTIN                  | 4044918397629       |
| Customs tariff number | 85369010000         |

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

Approvals / Certificates

| General approvals                                  |          | Declarations of conformity and manufacturer's declarations                                                                                                                                                                                                                    |          |          |                  |                                                    |   |   |                                                    |   |   |
|----------------------------------------------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|------------------|----------------------------------------------------|---|---|----------------------------------------------------|---|---|
|                                                    |          |                                                                                                                                                                                                                                                                               |          |          |                  |                                                    |   |   |                                                    |   |   |
| 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)                                                                                                                                                                                                                                                               |          |          |                  |                                                    |   |   |                                                    |   |   |
| ÖVE<br>Österreichischer Verband für Elektrotechnik | EN 60998 | 1193-031-09                                                                                                                                                                                                                                                                   |          |          |                  |                                                    |   |   |                                                    |   |   |
| UL<br>UL International Germany GmbH                | UL 486C  | E69654                                                                                                                                                                                                                                                                        |          |          |                  |                                                    |   |   |                                                    |   |   |
| UL<br>UL International Germany GmbH                | EN 60998 | D-03479-A1                                                                                                                                                                                                                                                                    |          |          |                  |                                                    |   |   |                                                    |   |   |
|                                                    |          | <table><tr><th>Approval</th><th>Standard</th><th>Certificate Name</th></tr><tr><td>EU-Declaration of Conformity<br/>WAGO GmbH &amp; Co. KG</td><td>-</td><td>-</td></tr><tr><td>UK-Declaration of Conformity<br/>WAGO GmbH &amp; Co. KG</td><td>-</td><td>-</td></tr></table> | Approval | Standard | Certificate Name | EU-Declaration of Conformity<br>WAGO GmbH & Co. KG | - | - | UK-Declaration of Conformity<br>WAGO GmbH & Co. KG | - | - |
| 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     |

