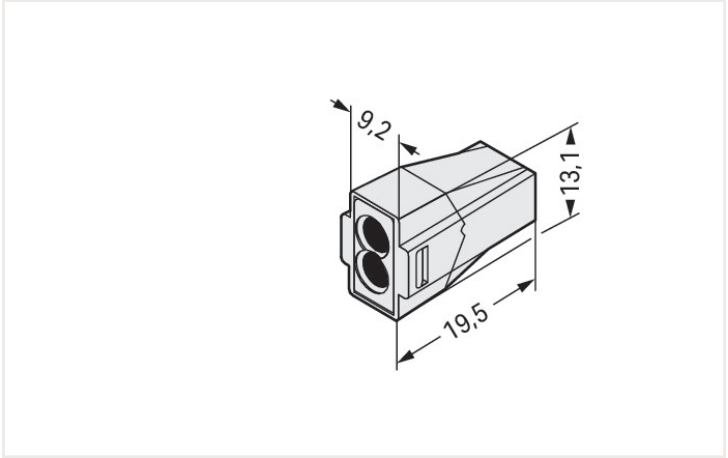


| : 773-492

PUSH WIRE® connector for junction boxes; for solid and stranded conductors; for Ex applications; max. 2.5 mm²; 2-conductor; light gray housing; light gray cover; Surrounding air temperature: max 60°C; 2,50 mm²; light gray  
<https://www.wago.com/773-492>



: light gray



Dimensions in mm

| Notes                |                                                                   |
|----------------------|-------------------------------------------------------------------|
| Safety information 2 | To be used only in conjunction with a mounting carrier (773-331). |

| Electrical data            |                     |
|----------------------------|---------------------|
| Ratings per IEC/EN         |                     |
| Ratings per                | EN 60079            |
| Ex information             |                     |
| Rated voltage EN (Ex e II) | 550 V               |
| Note (rated voltage)       | 275 V at a distance |
| Rated current (Ex e II)    | 24 A                |

| Connection data                   |                    |
|-----------------------------------|--------------------|
| Total number of connection points | 2                  |
| 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="#">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 ... 14 AWG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Stranded conductor                     | 0.75 ... 2.5 mm² / 16 ... 12 AWG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Strip length                           | 12 mm / 0.47 inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Wiring direction                       | Side-entry wiring                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

| Physical data |                        |
|---------------|------------------------|
| Width         | 9.2 mm / 0.362 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 data can be found here</a> |
| Color                       | light gray                                                     |
| Cover color                 | light gray                                                     |
| Flammability class per UL94 | V2                                                             |
| Fire load                   | 0.039 MJ                                                       |
| Weight                      | 1.6 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) Stück    |
| Packaging type                      | Box                 |
| Country of origin VKOrg Germany     | CN                  |
| GTIN                                | 4055143026420       |
| Customs tariff number VKOrg Germany | 85369010000         |

| Approvals and certificates                                                       |                |                                               |                                                                                   |         |        |
|----------------------------------------------------------------------------------|----------------|-----------------------------------------------|-----------------------------------------------------------------------------------|---------|--------|
| Ex-Approvals                                                                     |                |                                               | UL-Approvals                                                                      |         |        |
|  |                |                                               |  |         |        |
|                                                                                  |                |                                               |                                                                                   |         |        |
| ATEX<br>UL International Demko A/<br>S                                           | EN 60079       | DEMKO 03 ATEX 131845U<br>(II 2 G Ex eII C Gb) | UL<br>UL International Germany<br>GmbH                                            | UL 486C | E69654 |
| EAC<br>Brjansker Zertifizierungs-<br>stelle                                      | TP TC 012/2011 | RU C-DE.AM02.<br>B.00127/19 (Ex e IIC Gb U)   |                                                                                   |         |        |