

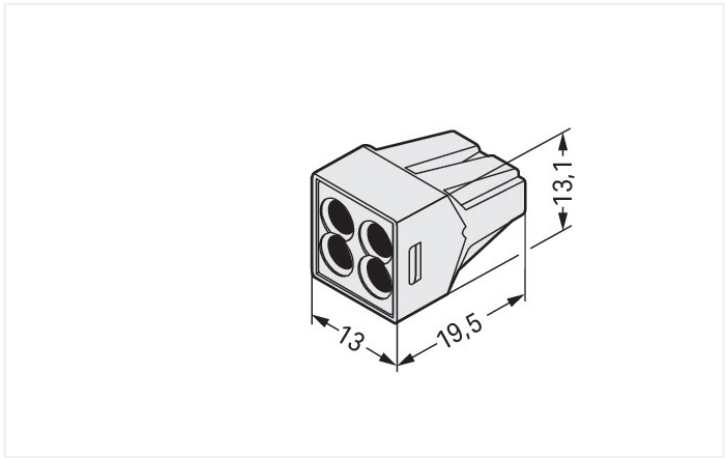
Data Sheet | Item Number: 773-494

PUSH WIRE® splicing connector; for solid and stranded conductors; for Ex applications; max. 2.5 mm²; 4-conductor; light gray housing; light gray cover; Surrounding air temperature: max 60°C; 2,50 mm²; light gray

<https://www.wago.com/773-494>



Color: ■ light gray



Dimensions in mm

Push wire® splicing connector, 773 Series, light gray

Push wire® splicing connector (item number 773-494) is designed for fault-free electrical installations. Quickly and securely connect conductors in any building installation with WAGO's 773 Series PUSH WIRE® connectors, designed for both surface and flush-mounted junction boxes. Whether used in private or commercial applications, this series of PUSH WIRE® connectors for junction boxes ensures simple and time-saving installations. Strip lengths must be 12 mm when connecting conductors to push wire® splicing connector. Featuring conductor terminals along with PUSH WIRE®, this product is highly versatile. Our PUSH WIRE® connection is the quick and simple method for connecting solid conductors. The dimensions are 13 x 13.1 x 19.5 mm (width x height x depth). Depending on the type of conductor, push wire® splicing connector is ideal 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!

To be used only in conjunction with a mounting carrier (773-331).

| | |
|----------------------|--|
| Safety information 2 | |
|----------------------|--|

| Electrical data | | | | | Ex information | |
|----------------------|-----|----------|----|--|----------------------------|--|
| Ratings per | | EN 60079 | | | | |
| Overvoltage category | III | III | II | | Rated voltage EN (Ex e II) | 550 V |
| Pollution degree | 3 | 2 | 2 | | Note (rated voltage) | 275 V at a distance < 10 mm to parts of other potentials |
| Nominal voltage | - | - | - | | | |
| Rated surge voltage | - | - | - | | | |
| Rated current | - | - | - | | Rated current (Ex e II) | 24 A |

| 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) | Information on material specifications can be found here |
| Color | light gray |
| Cover color | light gray |
| Flammability class per UL94 | V2 |
| Clamping spring material | Chrome-nickel spring steel (CrNi) |
| Contact material | Electrolytic copper (E _{Cu}) |
| Contact Plating | Tin |
| Fire load | 0.053 MJ |
| Weight | 2.4 g |



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


| Commercial data | |
|-----------------------|---------------------|
| Product Group | 7 (Push Wire Conn.) |
| PU (SPU) | 1000 (100) pcs |
| Packaging type | Box |
| Country of origin | CN |
| GTIN | 4055143026512 |
| Customs tariff number | 85369010000 |




| Product classification | | |
|------------------------|--|----------------------|
| UNSPSC | | 39121409 |
| eCl@ss 10.0 | | 27-14-11-04 |
| eCl@ss 9.0 | | 27-14-11-04 |
| ETIM 9.0 | | EC000446 |
| ETIM 8.0 | | EC000446 |
| ECCN | | NO US CLASSIFICATION |







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

| Approvals / Certificates | | | | | |
|--|----------|------------------|---|----------|--|
| General approvals | | | Approvals for hazardous areas | | |
|  | | |  | | |
| Approval | Standard | Certificate Name | Approval | Standard | Certificate Name |
| UL UL International Germany GmbH | UL 486C | E69654 | ATEX UL International Demko A/S | EN 60079 | DEMKO 03 ATEX 131845U Rev. 1 (II 2 G Ex eII C Gb) |

| Downloads | |
|--|---|
| Environmental Product Compliance | |
| Compliance Search | |
| Environmental Product Compliance 773-494 |  |

| Documentation | | | |
|----------------------------|------------|-----------------|---|
| Bid Text | | | |
| 773-494 | 19.02.2019 | xml 3.15 KB |  |
| 773-494 | 17.05.2017 | doc 25.00 KB |  |
| ausschreiben.de 773-494 | | |  |

| CAD/CAE-Data | |
|--|---|
| CAD data | CAE data |
| 2D/3D Models 773-494  | EPLAN Data Portal 773-494  |
| | WSCAD Universe 773-494  |
| | ZUKEN Portal 773-494  |



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



Item No.: 773-331
Mounting carrier; for Ex applications; 773 Series - 2.5 mm² / 6 mm²; for DIN-35 rail mounting/screw mounting; light gray