

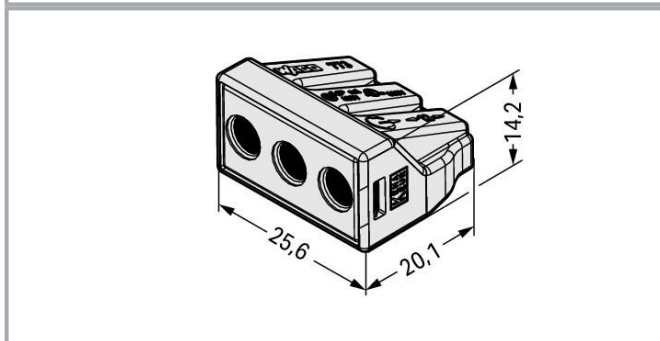
Data sheet | Item number: 773-493

PUSH WIRE® splicing connector; for solid and stranded conductors; for Ex applications; max. 6 mm²; 3-conductor; light gray housing; light gray cover; Surrounding air temperature: max 60°C; 6,00 mm²; light gray

www.wago.com/773-493



Color: 



Data

Notes

Sicherheitshandhabungshinweis

Attention: Observe operating instructions, danger to life and limb!

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

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

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



- 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

Ratings per IEC/EN

Ratings per	EN 60079
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Ex information

Rated voltage EN (Ex e II)	550 V
Note (rated voltage)	275 V at a distance < 10 mm to parts of other potentials
Rated current (Ex e II)	42 A

Connection data

Connection points	3
Total number of potentials	1

Connection 1

Connection technology	PUSH WIRE®
Actuation type	Push-in
Connectable conductor materials	Copper Aluminum
Connectable conductor materials (note)	

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Terminating Aluminum Conductors (Not for use in North America)

WAGO spring clamp terminal blocks are suitable for solid aluminum conductors up to 4 mm²/12 AWG if WAGO "Alu-Plus" Contact Paste 249-130 is used for termination.

"Alu-Plus" Contact Paste Advantages:

- Automatically destroys the oxide film during clamping.
- Prevents fresh oxidation at the clamping point.
- Prevents electrolytic corrosion between aluminum and copper conductors (in the same terminal block).
- Provides long-term protection against corrosion.

For spring clamp connections with PUSH WIRE[®] connection technology, **WAGO recommends that the aluminum conductor first be cleaned** and then immediately inserted into the clamping unit filled with "Alu-Plus" contact paste.

It is also possible to apply WAGO "Alu-Plus" **additionally** on the whole surface of the aluminum conductor before termination.

Please note that the nominal currents must be adapted to the reduced conductivity of the aluminum conductors::

2.5 mm² = 16 A

4 mm² = 22 A

Solid conductor	2.5 ... 6 mm ² / 14 ... 10 AWG
Stranded conductor	2.5 ... 6 mm ² / 14 ... 10 AWG
Strip length	12 ... 15 mm / 0.47 ... 0.59 inches
Wiring direction	Side-entry wiring

Physical data

Width	25.6 mm / 1.008 inches
Height	14.2 mm / 0.559 inches
Depth	20.1 mm / 0.791 inches

Material data

Note (material data)

Information on material specifications can be found [here](#)

Color	light gray
Cover color	light gray

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Flammability class per UL94	V2
Fire load	0.116 MJ
Weight	5.8 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
ECCN	NO DATA
PU (SPU)	500 (50) pcs
Packaging type	box
Country of origin	CN
GTIN	4055143287593
Customs tariff number	85369010000

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Germany GmbH	UL 486C	E69654

Approvals for hazardous areas

Logo	Approval	Additional Approval Text	Certificate name
	ATEX UL International Demko A/S	EN 60079	DEMKO 03 ATEX

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131845U
Rev. 1 (II 2
G Ex eII C
Gb)

Optional accessories

Mounting adapter

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

www.wago.com/773-331

Downloads

Documentation

Bid Text

773-493 X81 - Datei	2019 年2月19 日	xml 3.2 kB	Download
773-493 doc - Datei	2017 年5月17 日	doc 25.6 kB	Download
ausschreiben.de 773-493		URL	Download

CAD/CAE-Data

CAD data

2D/3D Models 773-493	URL	Download
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CAE data

WSCAD Universe 773-493	URL	Download
ZUKEN Portal 773-493	URL	Download

Asset Administration Shell

Asset Administration Shell 773-493	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 773-493	URL	Download
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Installation Notes

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