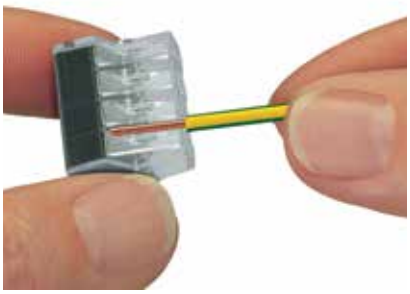
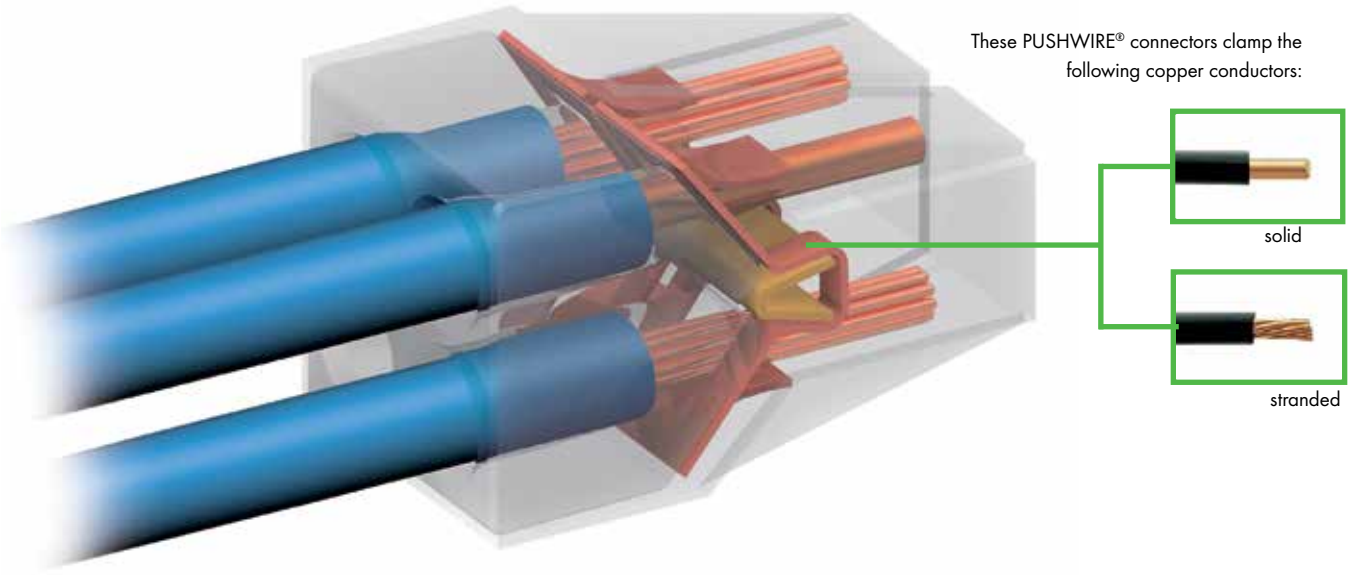
PUSHWIRE® Connectors for Junction Boxes, (solid and stranded wire), 773 Series WALL-NUTS®



Simply strip conductor to 12 mm/0.47 in. using the built-in strip-length gauge

Then insert stripped conductor firmly into connector. Check for complete insertion through clear/transparent housing.

Wire Removal
Solid - Pull & Twist; Remove wire
Stranded - Cut Wire; Discard connector
Restrip conductor and insert into new connector

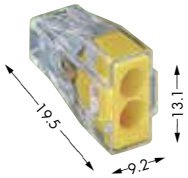


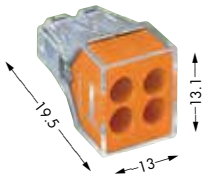
Integrated test port allows for easy testing of connection integrity

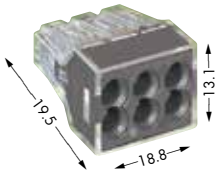
- Common (splice) up to 8 solid or stranded conductors in the same connector
- Option: mount to chassis or DIN rail via separate carrier
- The PUSHWIRE® connection clamps stranded or solid copper conductors
- Cross section up to 10 AWG
- Save up to 50% in wiring time over twist-type connectors

PUSHWIRE® Connectors for Junction Boxes, (solid and stranded wire), 773 Series WALL-NUTS®

2 x 0.75 – 2.5 mm² "s" 2 x 1.5 – 2.5 mm² "r" 400 V/ 4 kV/ 2 * 24 A Max. op. temp. 105 °C 12 mm / 0.47 in	2 x AWG 18 – 12 "sol." 2 x AWG 16 – 12 "str." (≤19) 600 V 1000 V signs & fixtures	4 x 0.75 – 2.5 mm² "s" 4 x 1.5 – 2.5 mm² "r" 400 V/ 4 kV/ 2 * 24 A Max. op. temp. 105 °C 12 mm / 0.47 in	4 x AWG 18 – 12 "sol." 4 x AWG 16 – 12 "str." (≤19) 600 V 1000 V signs & fixtures	6 x 0.75 – 2.5 mm² "s" 6 x 1.5 – 2.5 mm² "r" 400 V/ 4 kV/ 2 * 24 A Max. op. temp. 105 °C 12 mm / 0.47 in	6 x AWG 18 – 12 "sol." 6 x AWG 16 – 12 "str." (≤19) 600 V 1000 V signs & fixtures

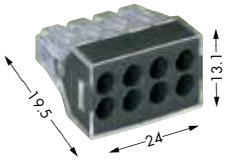


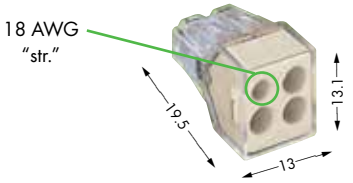


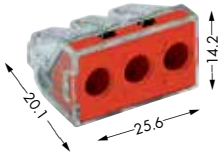


Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
Pushwire connectors for junction boxes,		Pushwire connectors for junction boxes,		Pushwire connectors for junction boxes,	
2-conductor connectors, color of housing transparent,		4-conductor connectors, color of housing transparent,		6-conductor connectors, color of housing transparent,	
color of cover yellow		color of cover orange		color of cover black	
773-162	100 pc/box	**773-164**	100 pc/box	**773-166**	50 pc/box
773-102/VE00-0500	500 pc/bag	**773-104/PW05-400**	400 pc/jar	**773-106/PW00-250**	250 pc/jar
773-102/PW05-650	650 pc/jar	**773-104/VE00-0500**	500 pc/bag	**773-166/VE00-0500**	500 pc/bag
773-102/VE00-2500	2500 pc/bag	**773-104/VE00-2500**	2500 pc/bag	**773-166/VE00-2500**	2500 pc/bag
51011251	10 pc/blister pack	**5101252**	10 pc/blister pack	**51011253**	10 pc/blister pack

8 x 0.75 – 2.5 mm² "s" 8 x 1.5 – 2.5 mm² "r" 400 V/ 4 kV/ 2 * 24 A Max. op. temp. 105 °C 12 mm / 0.47 in	8 x AWG 18 – 12 "sol." 8 x AWG 16 – 12 "str." (≤19) 600 V 1000 V signs & fixtures	3 x 0.75 – 2.5 mm² "s" 3 x 1.5 – 2.5 mm² "r" 1 x 0.75 "sol.+rig." 400 V/ 4 kV/ 2 * 24 A Max. op. temp. 105 °C 12 mm / 0.47 in	3 x AWG 18 – 12 "sol." 3 x AWG 16 – 12 "str." (≤19) 1 x AWG 18 "sol.+str." (≤19) 600 V 1000 V signs & fixtures	3 x 1.5 – 6 mm²"s + st" 400 V/ 4 kV/ 2 * 32 A Max. op. temp. 105 °C 12 mm / 0.47 in	3 x AWG 14 – 10 "sol." +"str." (≤19) 600 V 1000 V signs & fixtures







Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
Pushwire connectors for junction boxes,		Pushwire connectors for junction boxes,		Pushwire connectors for junction boxes,	
8-conductor connectors, color of housing transparent,		4-conductor connectors, filled with contact paste "Alu-Plus",		3-conductor connectors, color of housing transparent,	
color of cover dark grey		color of housing transparent, color of cover light grey		color of cover red	
773-168	50 pc/box	**773-124**	100 pc/box	**773-173**	50 pc/box
773-108/VE00-2500	2500 pc/bag	**773-124/VE01-0000**	2500 pc/bag	**773-173/PW05-200**	200 pc/jar
51013414	10 pc/blister pack			**773-173/VE00-0500**	500 pc/bag
				773-173/VE00-2500	2500 pc/bag
				51015201	5 pc/blister pack

Packaging Options

Box

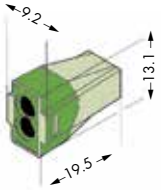
Blister Pack

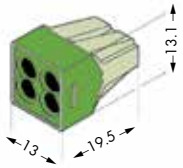
Jar

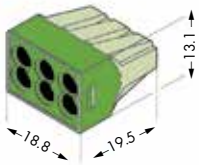
PUSHWIRE® Connectors for Junction Boxes, (solid and stranded wire), 773 Series WALL-NUTS® for Grounding and Bonding

2 x 0.75–2.5 mm² "s" 2 x 1.5–2.5 mm² "r" 400 V/ 4 kV/ 2 * 24 A Max. op. temp. 105°C 12 mm / 0.47 in	2 x AWG 18-12 "sol." 2 x AWG 16-12 "str." (≤19) 600 V 1000 V signs & fixtures LISTED Grounding and bonding connectors 64KA	4 x 0.75 – 2.5 mm² "s" 4 x 1.5 – 2.5 mm² "r" 400 V/ 4 kV/ 2 * 24 A Max. op. temp. 105°C 12 mm / 0.47 in	4 x AWG 18 – 12 "sol." 4 x AWG 16–12 "str." (≤19) 600 V 1000 V signs & fixtures LISTED Grounding and bonding connectors 64KA	6 x 0.75 – 2.5 mm² "s" 6 x 1.5 – 2.5 mm² "r" 400 V/ 4 kV/ 2 * 24 A Max. op. temp. 105°C 12 mm / 0.47 in	6 x AWG 18 – 12 "sol." 6 x AWG 16 – 12 "str." (≤19) 600 V 1000 V signs & fixtures LISTED Grounding and bonding connectors 64KA

Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
Pushwire connectors for junction boxes,		Pushwire connectors for junction boxes,		Pushwire connectors for junction boxes,	
2-conductor connectors, color of housing transparent,		4-conductor connectors, color of housing transparent,		6-conductor connectors, color of housing transparent,	
color of cover green		color of cover green		color of cover green	
773-112	100 pc/box	**773-114**	100 pc/box	**773-116**	50 pc/box

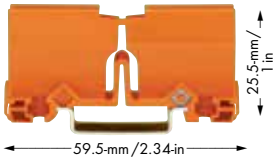




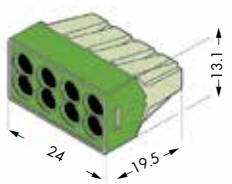


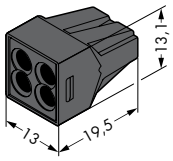
773 Series WALL-NUTS® for High Temp Applications

8 x 0.75 – 2.5 mm² "s" 8 x 1.5 – 2.5 mm² "r" 400 V/ 4 kV/ 2 * 24 A Max. op. temp. 105°C 12 mm / 0.47 in	8 x AWG 18 – 12 "sol." 8 x AWG 16 – 12 "str." (≤19) 600 V 1000 V signs & fixtures LISTED Grounding and bonding connectors 64KA	Carrier for Push-Wire Connectors Carrier width 18 mm / 0.7 in	4 x 0.75 – 2.5 mm² "s" 4 x 1.5 – 2.5 mm² "r" 400 V/ 4 kV/ 2 * 24 A Max. op. temp. 150°C 12 mm / 0.47 in	4 x AWG 18 – 12 "sol." 4 x AWG 16 – 12 "str." (≤19) 4 x AWG 18 "str." tincoated ≤ 7 600 V 1000 V signs & fixtures LISTED Splicing wire connector 667 F



Item No.	Pack.-unit pcs	Item No.		Pack.-unit pcs	Item No.	Pack.-unit pcs
Pushwire connectors for junction boxes,		Fixing carrier for 4 pushwire connectors			Pushwire connectors for high temperature applications,	
8-conductor connectors, color of housing transparent,		orange	**773-332**	50 pc/box	4-conductor connectors, color of housing black,	
color of cover green		light grey	**773-331**	50 pc/box	color of cover black	
773-118	50 pc/box	Marker strip, plain	**243-110**	1 ea	**773-514**	50 pc/box





PUSHWIRE® Connectors for Junction Boxes, (solid and stranded wire), 773 Series WALL-NUTS® Suitable for EEX e Applications

Conductor Range:	**AWG 18-12 (solid)**	**Color:**	**Light Gray (housing and cover)**
	AWG 16-12 (stranded ≤19)	**Strip length:**	**12 mm / 0.47 in**
	AWG 14-10 (3-conductor only)*		**15 mm / 0.53 in (3-conductor only)***
Electrical specs:	**600 V / 20 A maximum**		
	600 V / 30 A maximum (3-conductor only)*		

The WAGO 773 Series for applications in hazardous areas is an extension of the WAGO PUSHWIRE® connectors product group and has the same benefits in installation, technology, and reliable connection as the standard 773 Series for commercial and residential applications. The world's first PUSHWIRE® connectors offer the following features:

- Compact design allows a high concentration of more connectors in an Ex-junction box or Ex-terminal box resulting in space-savings and cost-effective installation solutions
- Easy wiring provides time-saving installation and saves money
- Resistance to vibration (shock-proof)
- Built-in test slot for easy troubleshooting
- Maintenance-free connection

Height: 13.1 mm / 0.516 in
Width: 9 mm / 0.354 in
Depth: 19.1 mm / 0.752 in

Item No.	Pack.-unit pcs
2-conductor pushwire connector	
773-492	100

Height: 13.1 mm / 0.516 in
Width: 13 mm / 0.512 in
Depth: 19.1 mm / 0.752 in

Item No.	Pack.-unit pcs
4-conductor pushwire connector	
773-494	100

Height: 13.1 mm / 0.516 in
Width: 19 mm / 0.748 in
Depth: 19.1 mm / 0.752 in

Item No.	Pack.-unit pcs
6-conductor pushwire connector	
773-496	100

Height: 13.1 mm / 0.516 in
Width: 24 mm / 0.945 in
Depth: 19.1 mm / 0.752 in

Item No.	Pack.-unit pcs
8-conductor pushwire connector	
773-498	100

Height: 14.2 mm / 0.559 in
Width: 25.6 mm / 1.008 in
Depth: 20.1 mm / 0.791 in

Item No.	Pack.-unit pcs
*3-conductor pushwire connector	
773-493	50

Height: 30 mm / 1.181 in
Width: 18 mm / 0.709 in
Depth: 61 mm / 2.402 in

Item No.	Pack.-unit pcs
Fixing Carrier, light gray	
773-331	50 (5 x 10)

NOTE: For hazardous applications, this 773 Series MUST be used in conjunction with the mounting carrier specified on this page (item number 773-331).

Certification according to ATEX / UL Ex is based upon the use of the entire system (connector and fixing carrier).

Simple insertion of 773 into carrier - no tools required

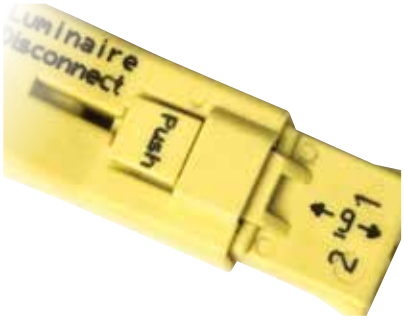
End stops are locked in place to secure the connectors

Mounting carrier with connectors snaps on DIN RAIL

Removal of carrier from DIN RAIL

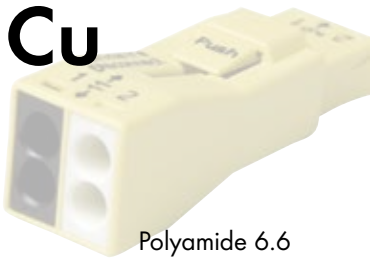
PUSHWIRE® Connector for Luminaire Disconnect, 873 Series LUMI-NUTS®

Molded in color coding for circuit wiring:
Black = L
White = N
Red = dimming and switching (3-pole)
Green = Ground (3-pole)
Inkjet marking for additional requirements



Integrated locking latch - automatic locking with mating of connectors - simple push down to disengage

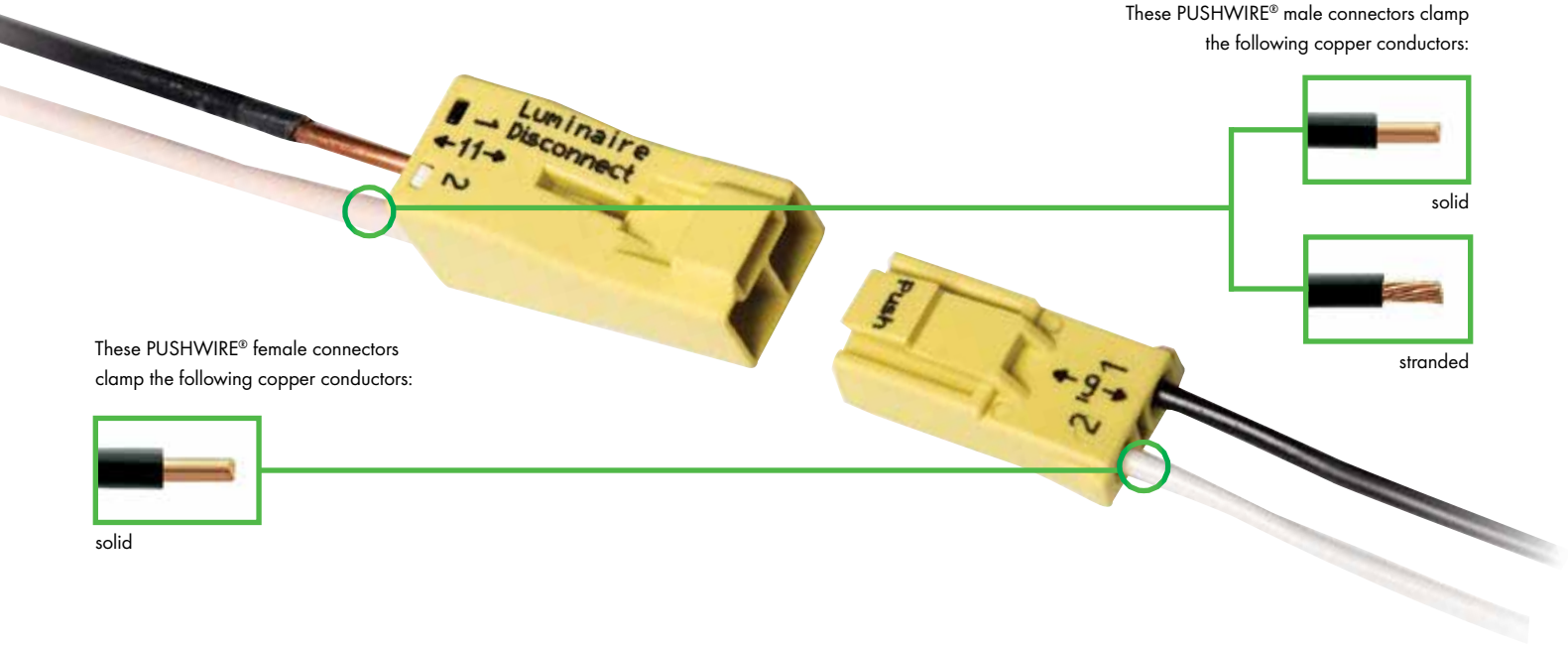
Cu



Polyamide 6.6

Copper (not brass) for electrical integrity. UL94V-0 rated housing for utmost in flame-retardation

These PUSHWIRE® male connectors clamp the following copper conductors:

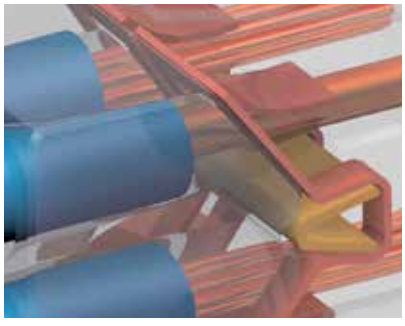


solid

stranded

These PUSHWIRE® female connectors clamp the following copper conductors:

solid



Engineered two-piece construction: Copper current bar and stainless steel spring combine to provide optimal contact pressure independent of the housing

Completely touch-proof in the unmated position

100% protected against mis-mating