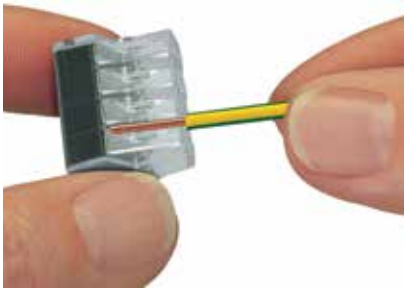


# PUSHWIRE® Connectors for Junction Boxes, (solid and stranded wire), 773 Series WALL-NUTS®



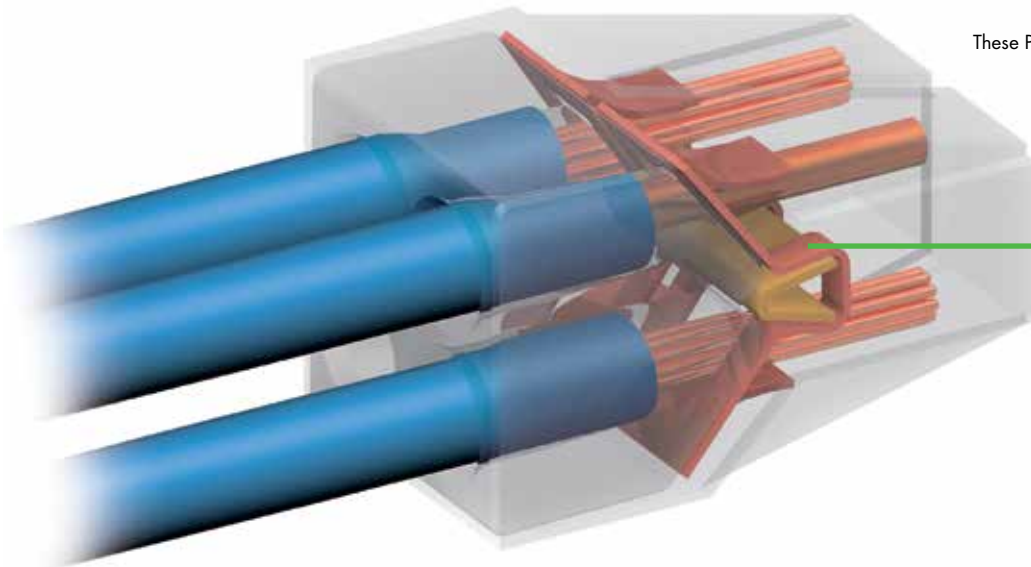
Simply strip conductor to 12 mm/0.47 in. using the built-in strip-length gauge



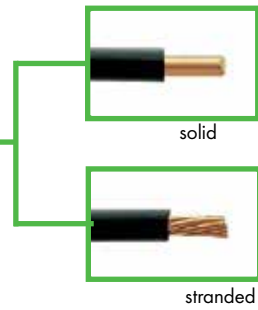
Then insert stripped conductor firmly into connector. Check for complete insertion through clear/transparent housing.



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



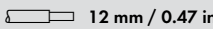


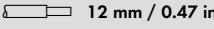


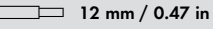


These PUSHWIRE® connectors clamp the following copper conductors:

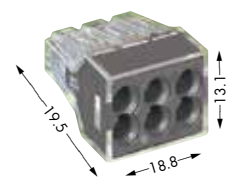
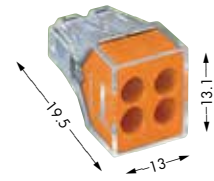
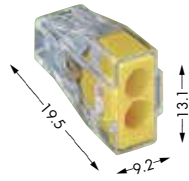


Integrated test port allows for easy testing of connection integrity

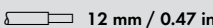


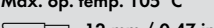


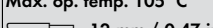


- Common (splice) up to 8 solid or stranded conductors in the same connector
- Option: mount to chassis or DIN rail via separate carrier
- The PUSHWIRE® connection clamps stranded or solid copper conductors
- Cross section up to 10 AWG
- Save up to 50% in wiring time over twist-type connectors

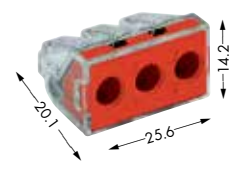
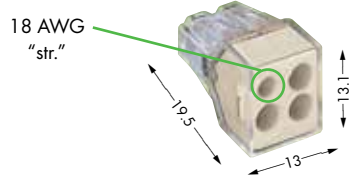
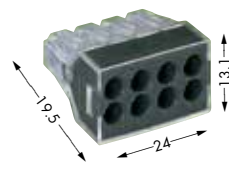
# PUSHWIRE® Connectors for Junction Boxes, (solid and stranded wire), 773 Series WALL-NUTS®

<p>2 x 0.75 – 2.5 mm<sup>2</sup> "s" 2 x 1.5 – 2.5 mm<sup>2</sup> "r" 400 V/ 4 kV/2* 24 A Max. op. temp. 105 °C</p>   	<p>2 x AWG 18 – 12 "sol." 2 x AWG 16 – 12 "str." (≤19) 600 V 1000 V signs &amp; fixtures</p>	<p>4 x 0.75 – 2.5 mm<sup>2</sup> "s" 4 x 1.5 – 2.5 mm<sup>2</sup> "r" 400 V/ 4 kV/2* 24 A Max. op. temp. 105 °C</p>   	<p>4 x AWG 18 – 12 "sol." 4 x AWG 16 – 12 "str." (≤19) 600 V 1000 V signs &amp; fixtures</p>	<p>6 x 0.75 – 2.5 mm<sup>2</sup> "s" 6 x 1.5 – 2.5 mm<sup>2</sup> "r" 400 V/ 4 kV/2* 24 A Max. op. temp. 105 °C</p>   	<p>6 x AWG 18 – 12 "sol." 6 x AWG 16 – 12 "str." (≤19) 600 V 1000 V signs &amp; fixtures</p>
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Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
Pushwire connectors for junction boxes, 2-conductor connectors, color of housing transparent, color of cover yellow		Pushwire connectors for junction boxes, 4-conductor connectors, color of housing transparent, color of cover orange		Pushwire connectors for junction boxes, 6-conductor connectors, color of housing transparent, 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

<p>8 x 0.75 – 2.5 mm<sup>2</sup> "s" 8 x 1.5 – 2.5 mm<sup>2</sup> "r" 400 V/ 4 kV/2* 24 A Max. op. temp. 105 °C</p>   	<p>8 x AWG 18 – 12 "sol." 8 x AWG 16 – 12 "str." (≤19) 600 V 1000 V signs &amp; fixtures</p>	<p>3 x 0.75 – 2.5 mm<sup>2</sup> "s" 3 x 1.5 – 2.5 mm<sup>2</sup> "r" 1 x 0.75 "sol.+ rig." 400 V/ 4 kV/2* 24 A Max. op. temp. 105 °C</p>   	<p>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 &amp; fixtures</p>	<p>3 x 1.5 – 6 mm<sup>2</sup> "s + st" 400 V/ 4 kV/2* 32 A Max. op. temp. 105 °C</p>   	<p>3 x AWG 14 – 10 "sol." + "str." (≤19) 600 V 1000 V signs &amp; fixtures</p>
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Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
Pushwire connectors for junction boxes, 8-conductor connectors, color of housing transparent, color of cover dark grey		Pushwire connectors for junction boxes, 4-conductor connectors, filled with contact paste "Alu-Plus", color of housing transparent, color of cover light grey		Pushwire connectors for junction boxes, 3-conductor connectors, color of housing transparent, 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



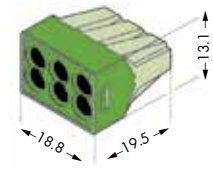
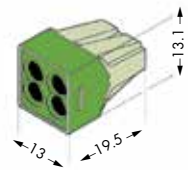
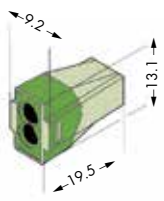
Jar

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







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

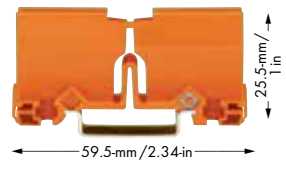


Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
Pushwire connectors for junction boxes, 2-conductor connectors, color of housing transparent, color of cover green		Pushwire connectors for junction boxes, 4-conductor connectors, color of housing transparent, color of cover green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

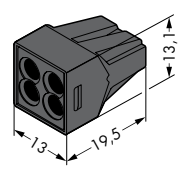
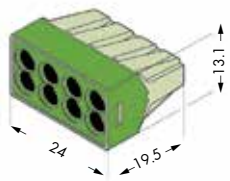


## 773 Series WALL-NUTS® for High Temp Applications


8 x 0.75 – 2.5 mm <sup>2</sup> "s" 8 x 1.5 – 2.5 mm <sup>2</sup> "r" 400 V/4 kV/2* 24 A Max. op. temp. 105°C	8 x AWG 18 – 12 "sol." 8 x AWG 16 – 12 "str." (≤19) 600 V 1000 V signs & fixtures	Carrier for Push-Wire Connectors  Carrier width 18 mm / 0.7 in	4 x 0.75 – 2.5 mm <sup>2</sup> "s" 4 x 1.5 – 2.5 mm <sup>2</sup> "r" 400 V/4 kV/2* 24 A Max. op. temp. 150°C	4 x AWG 18 – 12 "sol." 4 x AWG 16 – 12 "str." (≤19) 4 x AWG 18 "str." tinned ≤ 7 600 V 1000 V signs & fixtures
 12 mm / 0.47 in  LISTED Grounding and bonding connectors 64KA 	 12 mm / 0.47 in  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, 8-conductor connectors, color of housing transparent, color of cover green		Fixing carrier for 4 pushwire connectors orange light grey Marker strip, plain		Pushwire connectors for high temperature applications, 4-conductor connectors, color of housing black, color of cover black	
<b>773-118</b>	50 pc/box	<b>773-332</b> <b>773-331</b> <b>243-110</b>	50 pc/box 50 pc/box 1 ea	<b>773-514</b>	50 pc/box



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

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






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



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	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
2-conductor pushwire connector		4-conductor pushwire connector		6-conductor pushwire connector	
 <b>773-492</b>	100	 <b>773-494</b>	100	 <b>773-496</b>	100

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





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



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



Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs	Item No.	Pack.-unit pcs
8-conductor pushwire connector		*3-conductor pushwire connector		Fixing Carrier, light gray	
 <b>773-498</b>	100	 <b>773-493</b>	50	<b>773-331</b>	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

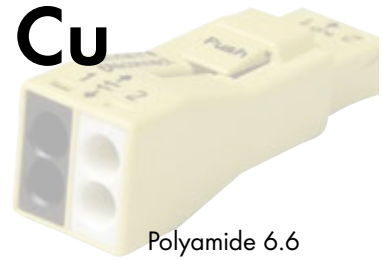
# PUSHWIRE® Connector for Luminaire Disconnect, 873 Series LUMI-NUTS®



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

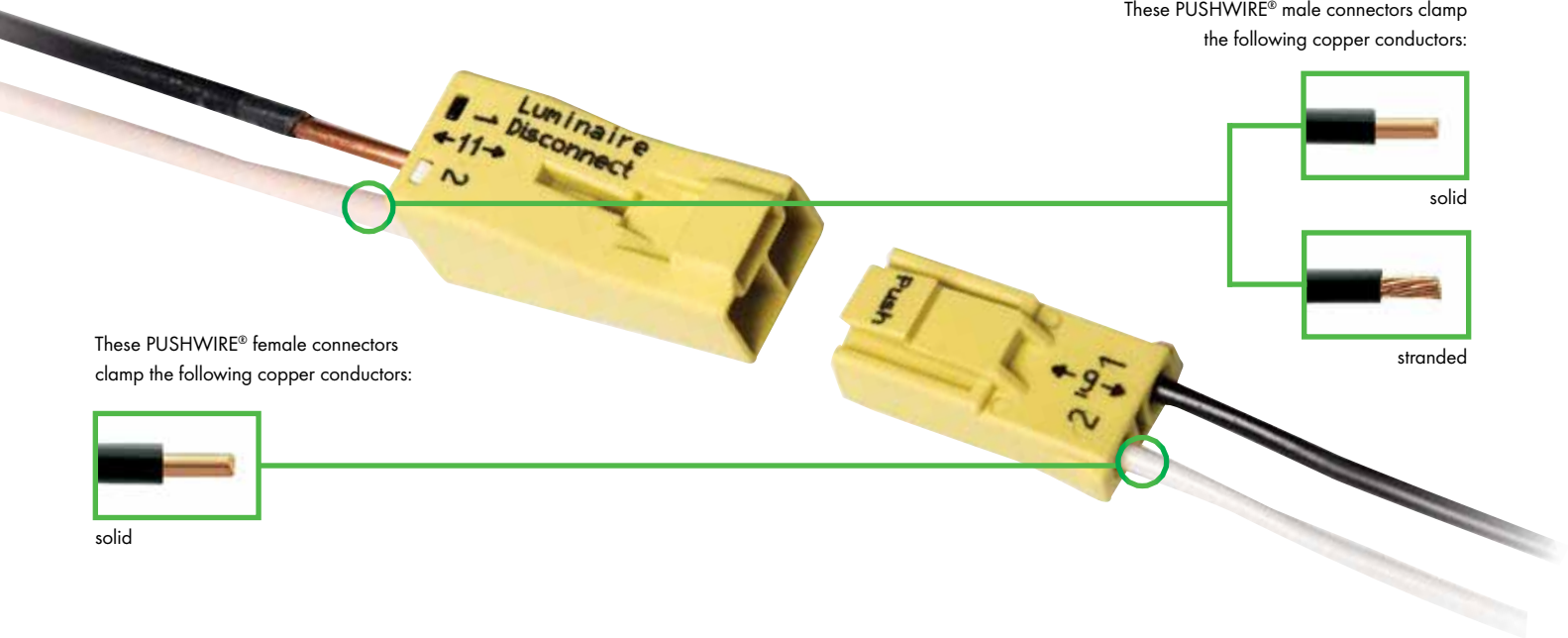


Integrated locking latch - automatic locking with mating of connectors - simple push down to disengage

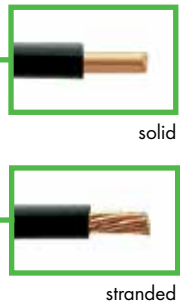


Polyamide 6.6

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



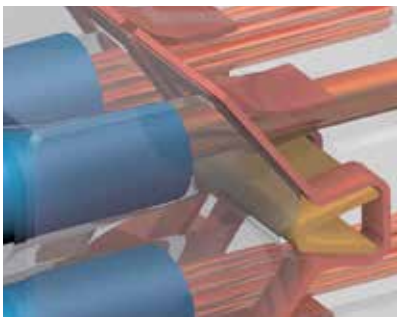
These PUSHWIRE® male connectors clamp the following copper conductors:



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