



Up to 20Amps!

- **Luminaire Disconnect Connector**
- Series 873, LUMI-NUTS®

873 Series LUMI-NUTS® -

PUSHWIRE™ Connector for Luminaire Disconnect

Designed and built to...

Fulfill Requirements

- NEC 410.130(G)
- CEC 30-308 (4)
- UL/CSA 2459
- CSA C22.2 No 182.3-M1987
- ANSI/NFPA-70

Exceed Expectations

- Highest Current Rating
- Safety
- Reliability
- Installation Speed & Flexibility
- Robust Design

Reduce Cost

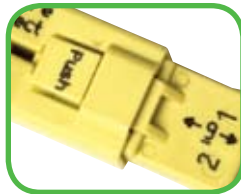
- Component Count
- Installation Labor
- Wiring Complexity
- Total # of Splices and...
- Associated Risk!

Identification



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

Locking Latch



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

Quality materials

Cu

Polyamide 6.6

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

The Original



As the inventor of PUSHWIRE™ technology, only WAGO offers 30+ years experience with billions installed

Touch Proof



Completely touch-proof in the un-mated position

Keyed Connector



100% protected against mis-mating

Safety Built-in!

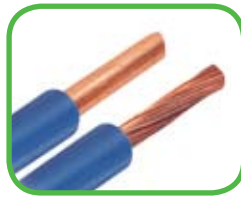
A Matter of Convenience...

Daisy Chain



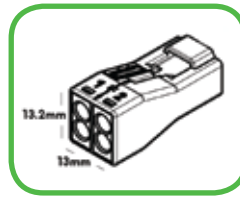
2 conductors per pole on power input side at 20 A max facilitates easy daisy chain to another ballast

Conductor Types



Power input side:
Solid and stranded
Ballast/load side:
18 AWG Solid

Compact Design



Max. dimension 13mm x 13.2mm (approx. 1/2" x 1/2") - fits through 1/2" knockout

More Variety

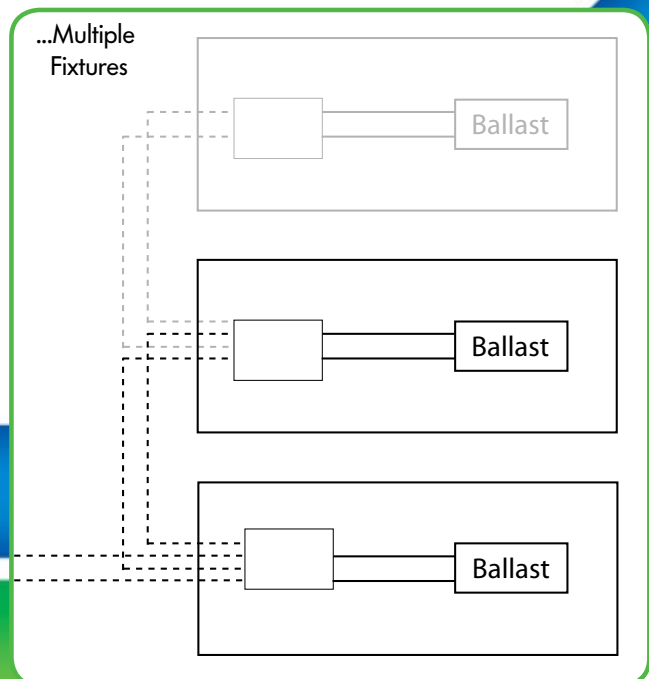
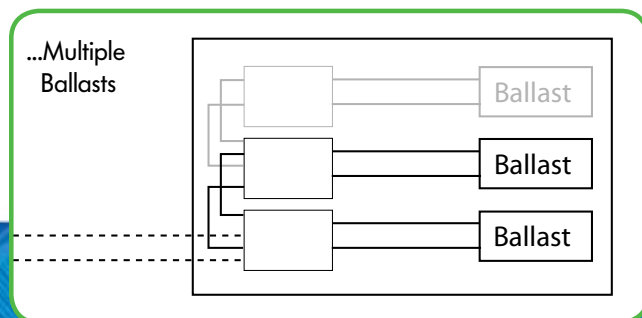


3 pole version for dimming and communication applications (DALI) (6 A max line/load)

Optimal Installation

Exclusive dual port design *eliminates* the need for additional splicing connectors when wiring multiple luminaires, *minimizing component costs and labor.*

Daisy chain to...



Field Wiring

Factory Wiring

The Specs:

Designed to comply with the requirements of CSA/UL Standard 2459 Insulated Multi-Pole Splicing Wire Connectors. National Electrical Code, ANSI/NFPA-70, Canadian Electrical Code, CSA C22.2 NO 182.3-M1987.

Conductor Range:

Male connector - line AWG 18-12 solid
AWG 16-12, ≤19 strands
Female connector - load AWG 18 solid

Voltage: 600 V

Max Current Rating:

	873-902 2-Pole	872-903 3-Pole
Line Side (Male Connector)	20 A*	6 A
Load Side (Female Connector)	6 A	6 A

*Based on 2008 NEC current rating of max conductor size

Color: Yellow (housing)

Strip length: 10 - 13 mm / 0.45 in (line)
8 - 10 mm / 0.35 in (load)

Max Operating Temperature: 105°C

Flammability Rating: UL94V-0

Part number	Description
873-902	2 Pole - Base Part Number
873-902/PW05-0025	2 Pole - Box of 25
873-902/VE00-0500	2 Pole - Bag of 500
873-902/VE00-5000	2 Pole - Bag of 5,000
873-903	3 Pole - Base Part Number
873-903/K194-4045	3 Pole - Box of 20
873-903/VE00-0500	3 Pole - Bag of 500
206-124	Wire Stripper & Cutter (28-8 AWG)



E313353



1961671 (LR18677)

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