

# • Luminaire Disconnect Connector

## • Series 873



# Series 873 - Pushwire Connector for Luminaire Disconnect

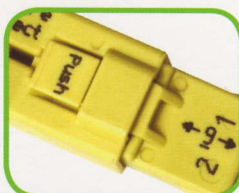
From the inventor of the pushwire connector comes the new 873 Series for compliance with the new NEC 410.73 (G) and CEC 30-308 (4) requirements for non-residential wiring of luminaires with ballasts. The intent of these new requirements is to provide an electrical disconnect for safe servicing of fixtures and ballasts - without exposure to electrical shock. Already a safety conscious company, WAGO has applied this concept into all facets of this connector.

## Identification



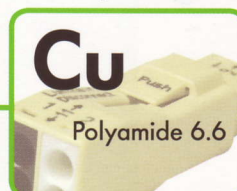
Molded in color coding (black for L and white for N) for circuit wiring. Inkjet marking for additional requirements.

## Locking Latch



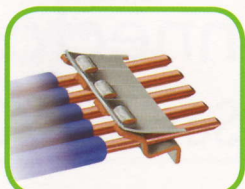
Integrated locking latch - automatic locking with mating of connectors - simple push down to disengage

## Quality materials



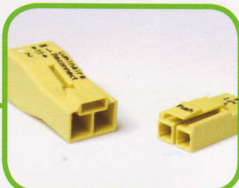
Copper (not brass) for electrical integrity. UL94V-0 rated housing for utmost in flame-retardant.

## The Original



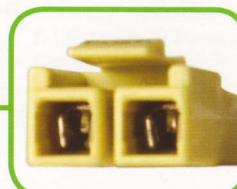
As the inventor of pushwire technology, only WAGO offers 30+ years experience with billions installed

## Touch Proof



Completely touch-proof in the unmated position

## Keyed Connector



100% protected against mis-mating

# Safety Built-in!



# A Matter of Convenience...

## Daisy Chain



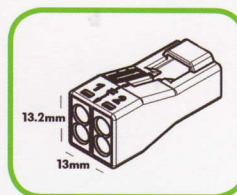
2 conductors per pole on power input side facilitates easy daisy chain to another ballast (6 A max. load)

## 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 coming soon

## More ways to wire.

### 1) End of ballast leads (preferred method)

Ready for power leads (up to AWG 12) to be installed by the contractor



Connector

24" leads (AWG 18)

Ballast

### 2) Inline ballast leads

WALL-NUTS™ or twist type connector to be installed

12" leads (AWG 18)



Connector

12" leads (AWG 18)

Ballast

6A/600V

## 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, 1.

### Conductor Range:

Male connector - line

AWG 18-12 solid

AWG 16-12 stranded (<19 strands)

Female connector - ballast

AWG 18 solid

### Electrical specs:

600 V / 6 A max.

### Color:

Yellow (housing)

### Strip length:



10 - 13 mm / 0.45 in (line)

6 - 8 mm / 0.28 in (ballast)

| Part number | Description                       |
|-------------|-----------------------------------|
| 873-902     | 2 Pole Connector                  |
| 873-903     | 3 Pole Connector                  |
| 206-124     | Wire Stripper & Cutter (28-8 AWG) |

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