



2-Port Push-In Wire Connector for Copper Wire, 22-12 AWG, 600V

- Accepts copper conductors from 22 AWG to 12 AWG
- Push-in design enables tool-free, quick termination
- Rated for maximum voltage of 600V
- Operates in environments up to 221°F
- Compact 2-port body fits tight junction boxes
- Backed by a 1-year warranty

OVERVIEW

The E-CON-I-2P is a 2-port push-in wire connector designed for making quick, tool-free connections with copper conductors ranging from 22 to 12 AWG. Its push-in mechanism simplifies installation in residential and commercial electrical wiring, HVAC systems, and lighting fixture applications.

The connector is rated for a maximum voltage of 600V and is suitable for use in environments up to 221°F. Its compact form factor allows installation in confined junction boxes and tight wiring spaces where traditional twist-on connectors may be impractical.

SPECIFICATIONS

OPTICAL

LED Lifetime 50,000 h

ELECTRICAL

Operating Voltage 600 V

Wire Gauge * 12 AWG

ENVIRONMENTAL

Ambient Operating Temperature 105 °C
221 °F

ORDERING

Warranty 1 y

APPLICATIONS

- Residential electrical wiring
- Commercial electrical wiring
- HVAC system wiring
- Lighting fixture connections
- Junction box splicing

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
led_lifetime_h	50,000 h	db	high
operating_voltage	600 V	pdf	high
wire_gauge	12 AWG	pdf	low
ambient_temp_c	105 °C	pdf	medium
warranty_years	1 y	db	high

* Value inferred from source data; verify before specification.
Specifications subject to change without notice.