



3-Port Push-In Wire Connector, PA66 Housing, 22-12 AWG Copper, 400V/32A

- Three push-in ports for tool-free copper conductor splicing
- PA66 molded housing with copper contact elements
- Rated 400 V and 32 A
- Accepts #22 to #12 AWG copper, 0.75-2.5 mm2
- Specified 9-12 mm strip length for full contact engagement
- Service temperature up to 221°F (105°C)

OVERVIEW

The E-CON-I-3P is a three-port push-in wire connector for splicing copper conductors without tools. It is used in junction boxes, fixture whips and device terminations where a compact, repeatable connection method is required.

The housing is molded from PA66 with copper contacts, rated 400 V and 32 A. It accepts copper conductors from #22 to #12 AWG (0.75-2.5 mm2) with a 9-12 mm strip length, and is rated for service temperatures up to 221°F (105°C).

The connector is covered by a 1-year warranty.

SPECIFICATIONS

OPTICAL

LED Lifetime	50,000 h
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ELECTRICAL

Operating Voltage	400 V
Current Draw	32 A
Wire Gauge *	12 AWG

MECHANICAL

Material	PA66 housing, copper contacts
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ENVIRONMENTAL

Ambient Operating Temperature	105 °C 221 °F
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ORDERING

Warranty	1 y
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poles:3p

WIRING

APPLICATIONS

- Junction box splices
- Luminaire and fixture whips
- Branch circuit device terminations
- Sign and channel letter wiring
- Control and equipment enclosures

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
led_lifetime_h	50,000 h	db	high
operating_voltage	400 V	pdf	high
current_draw	32 A	pdf	high
wire_gauge	12 AWG	pdf	low
material	PA66 housing, copper contacts	pdf	high
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.