



Strip-to-Strip Solderless Connector,
10mm 3-Pin, IP20, DC 3V–24V / 3.5A
(5-Pack)

- Solderless strip-to-strip joint for 10mm 3-pin SMD LED tape
- Rated DC 3V–24V input with 3.5A maximum current draw
- IP20 environmental rating for non-waterproof indoor use
- UL listed under file number E536464
- Sold in bags of 5 pieces for segmented or repair joins
- Backed by a 1-year warranty

OVERVIEW

The M-Z-CON3D-CA10C is a solderless strip-to-strip connector designed for joining 10mm, 3-pin SMD LED strips without soldering or additional wire. It provides a clean, tool-free connection point suitable for IP20-rated indoor LED strip installations.

The connector supports an input voltage range of DC 3V–24V and a maximum current of 3.5A per connection. Sold in bags of five, it is suited for segmented runs, corners, or repair joints on compatible 3-pin 10mm strip profiles.

The connector is UL listed under file number E536464 and carries a 1-year warranty.

SPECIFICATIONS

OPTICAL

LEDs per Segment	3
LED Lifetime	50,000 h

MECHANICAL

Strip Width	10 mm 0.39 in
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COMPLIANCE

UL File Number	E536464
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ELECTRICAL

Operating Voltage	5–24 V
Current Draw	3.5 A

ENVIRONMENTAL

IP Rating	IP20
Environmental Rating	Non-Waterproof

ORDERING

Warranty	1 y
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CERTIFICATIONS & COMPLIANCE



UL Listed
E536464

APPLICATIONS

- Indoor LED strip repair joints
- Corner and turn connections on 3-pin 10mm strips
- Segmented cove or under-cabinet lighting runs
- Retrofit splicing of compatible SMD LED tape

slug	value	source	confidence
leds_per_segment	3	pdf	medium
led_lifetime_h	50,000 h	db	high
operating_voltage	5–24 V	db	high
current_draw	3.5 A	db	high
strip_width	10 mm	pdf	high
ip_rating	IP20	db	high
environmental_rating	Non - Waterproof	db	high
ul_file_number	E536464	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

REVIEW COPY