

Zūm™ Contact Closure Output

- > Adds a contact closure output to a Zūm™ lighting system
- > Low-voltage SPDT form C relay activates and deactivates based on room occupancy and vacancy^[1]
- > Enables integration with HVAC equipment to save energy
- > Attaches to a Zūm J-Box Load Controller or Zūm J-Box Accessory Power Supply^[2]
- > UL 2043 listed for installation in an environmental air handling space
- > Rated 1 Amp @ 30 Volts DC or 24 Volts AC

The Zūm™ Contact Closure Output (ZUMMESH-CCO) adds a low-voltage SPDT form C contact closure to a Zūm lighting control system to enable integration with an HVAC system or other equipment. The contact closure is controlled by the occupancy or vacancy sensors in the room. When the room is occupied, the relay engages. When the room is vacant, the relay disengages.^[1]

The ZUMMESH-CCO is a small module that snaps onto a Zūm J-Box Load Controller or Zūm J-Box Accessory Power Supply ([ZUMMESH-JBOX](#) or [ZUMMESH-JBOX-PSU](#)^[2]). The Zūm J-Box device provides power and wireless communications for the ZUMMESH-CCO.

SPECIFICATIONS

Wireless Communications

Zūm Net: (Refer to the host J-Box device)

Connectors

N.O., COM, N.C.: (1) 3-pin 3.5 mm detachable terminal block;
Low-voltage SPDT form C contact closure;
Rated 1 Amp @ 30 Volts DC or 24 Volts AC;
For use with Class 2 wiring only

Indicators

Status: (1) Green LED, indicates contact closure status

Power Requirements

3.3 Volts DC, provided by a Zūm J-Box Load Controller or Zūm J-Box Accessory Power Supply^[2]

Environmental

Temperature: 32° to 104° F (0° to 40° C)
Humidity: 10% to 90% RH (non-condensing)



Construction

Housing: Plastic, white, UL 94 5VA flame rated

Mounting: Attaches to a Zūm J-Box Load Controller or Zūm J-Box Accessory Power Supply^[2], meets the requirements of UL 2043 for installation in an environmental air-handling (plenum) space

Dimensions

Height: 1.66 in (42 mm)

Width: 1.94 in (49 mm)

Depth: 1.01 in (26 mm)

Note: Projects ~0.75 inches (~18 mm) when attached to the J-Box unit.

Weight

3 oz (85 g)

Standards & Certifications

UL 2043, UL 916, UL 94 5VA, CEC Title 24 2013 compliant^[3], ASHRAE 90.1-2016^[4], IECC-2015^[5], FCC Part 15 Class B commercial use

ZUMMESH-CCO Zūm Contact Closure Output

MODELS & ACCESSORIES

Available Models

ZUMMESH-CCO: Zūm Contact Closure Output

Available Accessories

ZUMMESH-JBOX: Zūm J-Box Load Controller

ZUMMESH-JBOX-PSU: Zūm Accessory Power Supply

Notes:

1. The Zūm lighting system must include at least one occupancy sensor or vacancy sensor. Either type of sensor will work with the ZUMMESH-CCO to activate and deactivate the contact closure based on occupancy and vacancy status.
2. Item(s) sold separately. Refer to each product's spec sheet for more information.
3. This product is part of Crestron T24-2013 compliant solutions. Reference the T24-2013 design guide for additional devices required for fully compliant solutions.
4. This product is part of Crestron ASHRAE 90.1-2013 compliant solutions. Reference the ASHRAE 90.1-2013 design guide for additional devices required for fully compliant solutions.
5. This product is part of Crestron IECC-2015 compliant solutions. Reference the IECC-2015 design guide for additional devices required for fully compliant solutions.

All design guides can be accessed via the Consultant Partner Portal at <http://www.crestron.com/about/partner-info/consultants-uplink>.

This product may be purchased from an authorized Crestron dealer or distributor. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

For assistance with incorporating this product into a design or specification, please contact the Commercial Lighting Consultant Hotline at clcdesign@crestron.com or by calling 888-330-1502.

The specific patents that cover Crestron products are listed online at: patents.crestron.com.

Certain Crestron products contain open source software. For specific information, visit www.crestron.com/opensource.

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