

DRY CONTACT INPUT INTERFACE

EN-DCII-GB2

Senses dry contact signals from third-party systems to trigger a change of state

Screw Mount, Adhesive Mount, or DIN Rail Clip Mount

6 separate dry contact inputs



Works with GreenBus Wired or Wireless (via tethering) Wattstopper PLUS Systems

DESCRIPTION

The Dry Contact Input Interface (DCII) is designed to deliver an enhanced occupant experience by enabling integration between Wattstopper PLUS and third-party systems. These systems can include room booking systems in offices, AV in lecture halls, or bedside controls in hospital patient care rooms. Based on the dry contact signal, the Wattstopper PLUS system sets lighting scenes that can include intensity or color temperature. The DCII can also use momentary hold signals to enable raise/lower functionality.

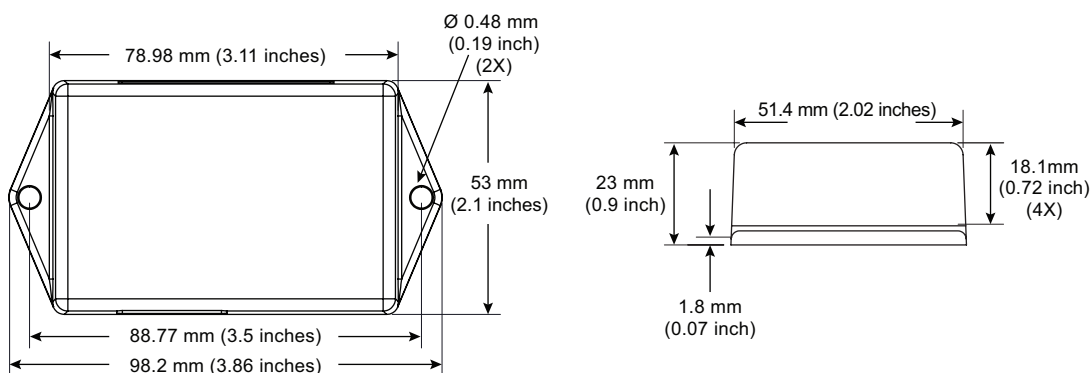
FEATURES

- Provides 6 separate dry contact inputs
- Receive single event signal to turn on, turn off, recall a scene, change color temperature, or change shade position
- Receive momentary hold to raise/lower lighting intensity, color temperature (CCT), or set shade position
- Push-in terminal blocks enable quick wiring and installation

SPECIFICATIONS

- Voltage: 22.5V, supplied by GreenBus
- Current Consumption: 5mA
- Control Options: 6 separate dry contact inputs
- Operating Temperature: 32° to 104°F (0° to 40°C)
- Relative Humidity: 0% to 95%, non-condensing
- Weight: 30 g (1.1 oz)
- Certifications
 - UL 2043 Plenum Rated
 - UL/CUL listed under UL916.
 - FCC Part 15 Subpart B, ICES003
- 5 year warranty

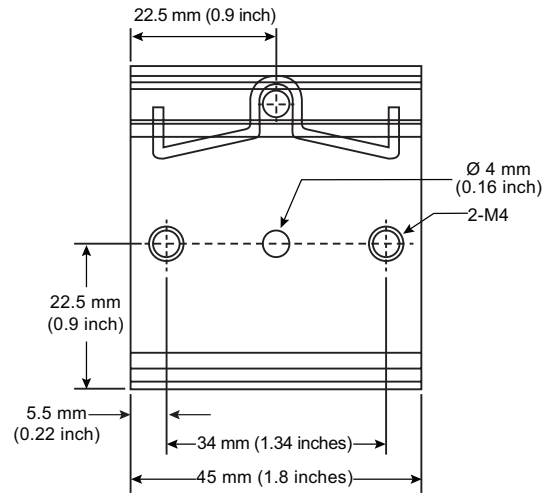
DIMENSIONS



PROJECT		LOCATION/ TYPE	
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Technical drawing of a vertical metal rod with various dimensions and a central flange. The dimensions are as follows:

- Top flange width: 8.7 mm (0.34 inch)
- Top flange height: 11 mm (0.43 inch)
- Top flange thickness: 8 mm (0.31 inch)
- Top flange inner diameter: 3 mm (0.12 inch)
- Top flange outer diameter: 50 mm (1.96 inches)
- Top flange inner diameter: 4.7 mm (0.18 inch)
- Top flange outer diameter: 5.5 mm (0.22 inch)
- Top flange inner diameter: 5 mm (0.2 inch)
- Top flange outer diameter: 7.5 mm (0.3 inch)



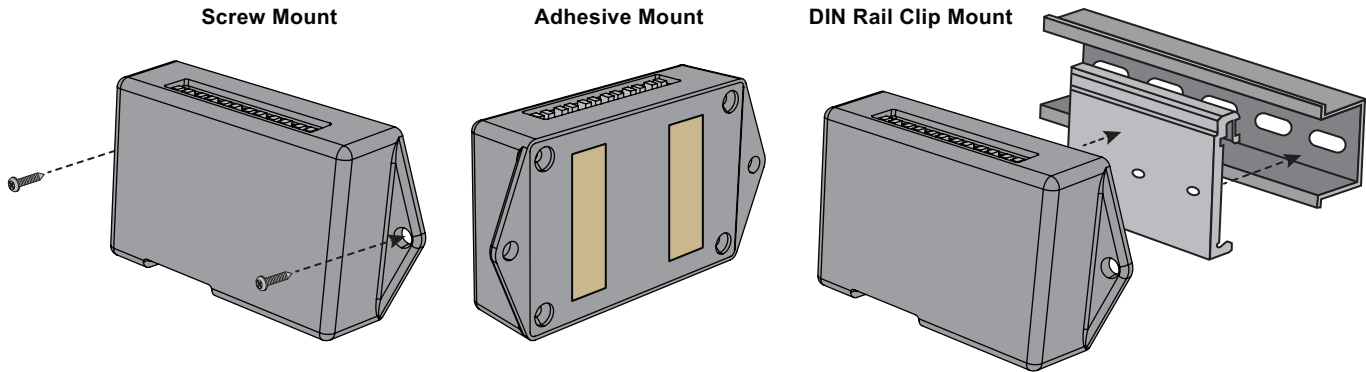
The diagram illustrates the GreenBus system architecture. It shows a network of components connected by different types of wiring. The components include:

- Sensor**: Two sensors are shown, one connected to a controller and another connected to a DCII.
- Controller**: Two controllers are shown, one connected to a sensor and another connected to a DCII.
- DCII**: A DC/DC converter interface unit.
- Wired Manager**: A unit that manages the wired network.
- GreenBus**: A network of green lines connecting the components.
- SSU**: A Solid State Unit.
- User Interface**: Two user interface units are shown, one connected to a sensor and another connected to a DCII.
- Polaris Monitor**: A monitor displaying system data.

The connections are color-coded according to the **Wire Key**:

- Ethernet**: Blue line
- GreenBus**: Green line
- Dimming**: Purple line

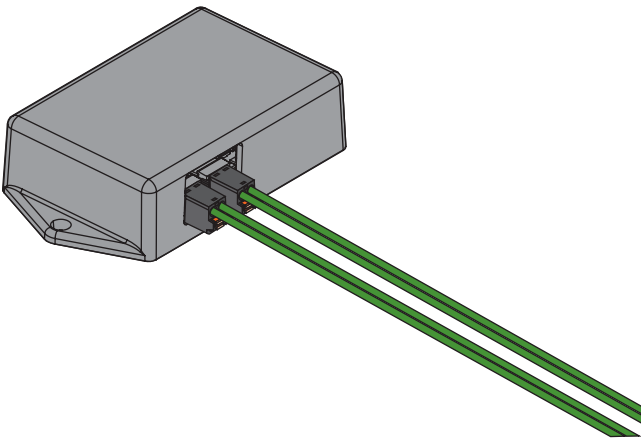
MOUNTING



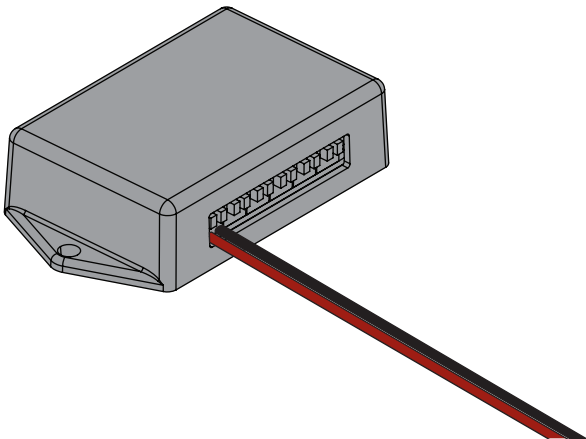
DIN Rail Clip Mount is included with the DCII

WIRING

GreenBus Wiring



Third Party Wiring



ORDERING INFORMATION

Catalog #		Description	Communication Network
	EN-DCII-GB2	Dry Contact Input Interface	Wired GreenBus

080474r3 Rev 04/25