

Contact Closure

SPECIFICATION

The Contact Closure, sourced from Barix and certified by Enlighted, integrates the Enlighted Lighting network with other equipment throughout the building. In response to a Contact Closure input from a Building Management System, Security system, or Fire system, all or selective zones will be turned to full power on.



OVERVIEW

The Contact Closure flexible I/O device bridges the Enlighted sensors and devices with the Enlighted Lighting Control network. When the input ports are triggered, the Contact Closure broadcasts to the Enlighted Lighting Control network to perform the required function programmed from the Energy Manager Graphical User Interface (GUI). Each Contact Closure can be configured for up to four momentary digital inputs, and a maximum of up to ten Contact Closures can be supported by each Enlighted's Energy Manager. The Energy Manager provides a secure web-based interface to monitor, manage, and analyze energy savings and other data collected by the Enlighted Smart Sensor network.

Contact Closure

Length	4.13"	105 mm
Width	3.34"	85 mm
Height	1.25"	31 mm
Weight	135 g	

FEATURES

Optimize Safety: When power is switched off in a building or area for any reason, the Contact Closure forces all lights to turn on when desired.

Better Control: The Contact Closure can be programmed to turn all or selective lights to any light level including full on. One or more switch groups in an area control the lights, providing the most flexibility in managing fixture light levels.

Increase Energy Savings: By returning all lights to normal lighting profiles specified in the Enlighted lighting network, the Contact Closure eliminates energy waste due to lights turned on to the maximum capacity.

Four Digital Momentary Inputs: Up to four momentary digital inputs can be programmed to trigger any of the following actions.

- Set all fixtures in Energy Manager to a Percentage
- Set all fixtures in Switch Group to a Scene
- Set all fixtures in EM to Auto Mode
- Set all fixtures in Switch Group to Auto Mode

POWER SUPPLY

The Contact Closure can be powered by compliant replacement Exstreamer 100 Power Supply from Barix.

- Plug in Class 2 Transformer
- Input: 120 VAC 60 Hz 12 W
- Output: 12 VAC 500 mA

ENLIGHTED SPECIFICATION SUBMITTAL

Job Name:

Job Number:

Product Code:

ENL-DCC-01

Note: The device comes preloaded with standard firmware. Ensure you are running firmware VB2.02 and above. Download firmware from www.barix.com

Contact Closure

CONFIGURING CONTACT CLOSURE

The Enlighted Contact Closure accepts four momentary input controls. Each input control can be programmed to perform any of the following action when the trigger goes from open to close (0 to 1).

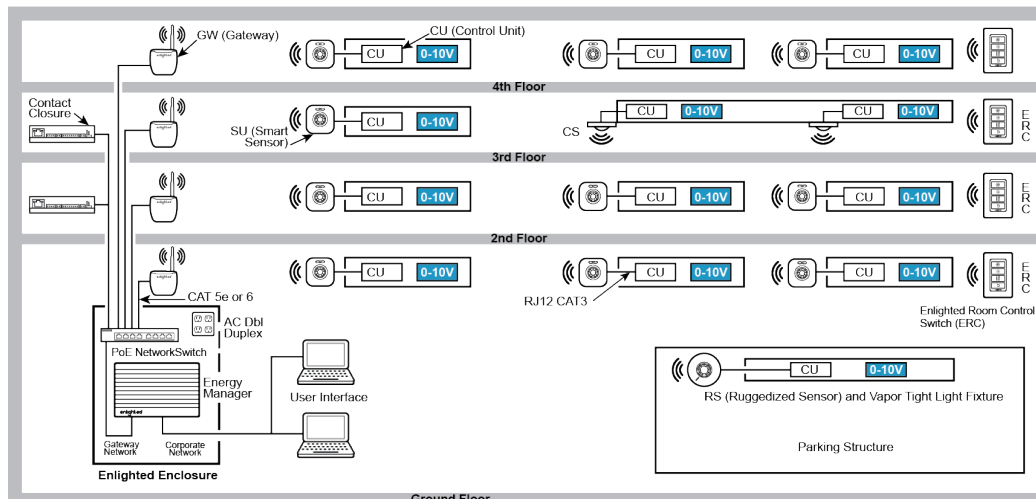
- **Set all Fixtures in Energy Manager to a Percentage (1-100%):** All lights configured in the Energy Manager can be set to a light level value between 1 to 100%. Lights are full-on at 100 percent.
- **Set all Fixtures in Switch Group to a Scene:** Returns the lighting profile values defined for fixtures belonging to a switch group for the scene.
- **Set all Fixtures in EM to Auto Mode:** Returns all lights to their assigned fixture profile light levels.
- **Set all Fixtures in Switch Group to Auto Mode:** Returns all lights to their assigned fixture profile light levels for fixtures belonging to a switch group.



Contact Closure	Action	Switch Group	Percentage(1-100)	Duration(In Minutes)
Input 1	Set all fixtures in Energy Manager to %	NA	80	5
Input 2	Set all fixtures in Switch Group to %	1 selected	20	5
Input 3	Set all fixtures in Energy Manager to Auto mode	NA		Specify time
Input 4	Set all fixtures in Energy Manager to %	NA	20	3

WIRING AND OPERATIONS

Up to a maximum of ten Contact Closures can be connected to an Energy Manager via the Gateway network to one of the Ethernet ports on the PoE Switch.



TECHNICAL SPECIFICATIONS

Power Supply: 9.30 VDC, 4 W maximum
 Supply Voltage: 9-30 VDC
 Environmental Specs:
 Operating Environment: 32° to 104° F / 0° to +50° C
 Storage Temperature: 32° to 104° F / 0° to +50° C
 Operating Humidity: 0 - 70% relative humidity, non-condensing
 MTBF Min. 800 000h acc. to MIL217 F at 25° C ambient temperature

ORDERING INFORMATION

ENL-DCC-01 Enlighted Contact Closure

COMPLIANCE

CE A, FCC A
 RoHS compliant (lead-free)

WARRANTY:

One year
 View www.enlightedinc.com/limited-warranty-terms for complete terms and conditions