

# Electrical Interface Module

EIM-101



## OPERATOR INTERFACE MODULE

The Miller Edge Electrical Interface Module (EIM) is designed for pre-2010 commercial door operators that utilize a 24 volt control circuit. EIM allows for use of Miller Edge non-monitored CPT or other high resistance sensing edges on relay logic (electro-mechanical) controlled operators. EIM is equipped with LED lights that indicate device power or fault conditions, is easy to install, and includes a NEMA 4 junction box.



### APPLICATIONS

- Motorized doors
- Automated gates

### FEATURES

- Converts a high resistance input to a positive, normally open, dry contact output for pre-2010 commercial door operators
- Allows use of CPT edges on relay logic operators
- LED lights indicate device power or fault conditions
- Easy wiring connections
- Includes junction box for installation with coil cord or retracting reel
- Includes NEMA 4 protection from moisture, dirt, and dust
- UL 325 Recognized Component
- 1-year warranty

610-869-4422

[www.milleredge.com](http://www.milleredge.com)





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### RELATED PRODUCTS

- Any non-monitored Miller Edge CPT sensing edge
- Miller Edge coil cord or retracting reel

### GENERAL SPECIFICATIONS

#### PERFORMANCE

Operating Temperature -35°C to +70°C (-31°F to +158°F)

#### ELECTRICAL

Power Supply	Photo eye input
Current Consumption	200 mA continuous, 1.4 A for 0.25 seconds
Input	CPT sensing edge (non-monitored)
Output	Normally open, dry contact (non-monitored)
Relay Rating	NEMA 4, Class 2 device

#### PHYSICAL

Dimensions	Module: 1.5"H x 1.25"W x 0.8"L (38 x 32 x 20 mm) Junction box: 1.75"H x 1.75"W x 6.625"L (4.45 x 4.45 x 16.83 cm)
Weight	4.8 oz.
Housing Material	Module: ABS plastic with epoxy potting Junction box: Polycarbonate
LED Indicators	Power, fault
Degree of Protection	Module: NEMA 4, Class 2 device Junction box: NEMA 4

### INCLUDES

- EIM-101 Electrical Interface Module
- JB-02-P-W junction box with strain relief fittings
- (4) Wire nuts
- (4) Self-tapping stainless steel mounting screws



Contact Miller Edge to ensure compatibility.

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