Infra-Red Control Unit

MIRCU-02

OPERATOR INTERFACE MODULE

The Infra-Red Control Unit (MIRCU) is designed to convert a pulsed output from a monitored photo optic device to a normally open, non-monitored output. By converting a photo optic output to non-monitored, MIRCU allows for the use of monitored photo optic devices on older, pre-2010 operators. Additionally, MIRCU can be used to add a secondary entrapment protection if only one pulsed input is available. MIRCU has the added protection of being configured to be fail safe so that it reports a fault to the operator if power is lost.

APPLICATIONS

- Motorized doors

FEATURES

- Converts a monitored pulsed output to a non-monitored, dry contact output
- Creates a fail safe signal; reports a fault when power is lost
- Ideal for use with pre-2010 commercial door operators not requiring a monitored device
- Includes junction box for installation with coil cord or retracting reel
- NEMA 4 protection from moisture, dirt, and dust
- 1-year warranty

610-869-4422
www.milleredge.com

MillerEdge®

Infra-Red Control Unit

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COMPATIBLE WITH

- Rebel Photo Optic System
  - MIRM-S2
  - MIRM-S2-50
- Patriot® Telescoping Traveling Photo Optic System
  - MIRM-T2
  - MIRM-T2-50
- Patriot® Z-Flap Traveling Photo Optic System
  - MIRM-Z2
  - MIRM-Z2-50

INCLUDED WITH

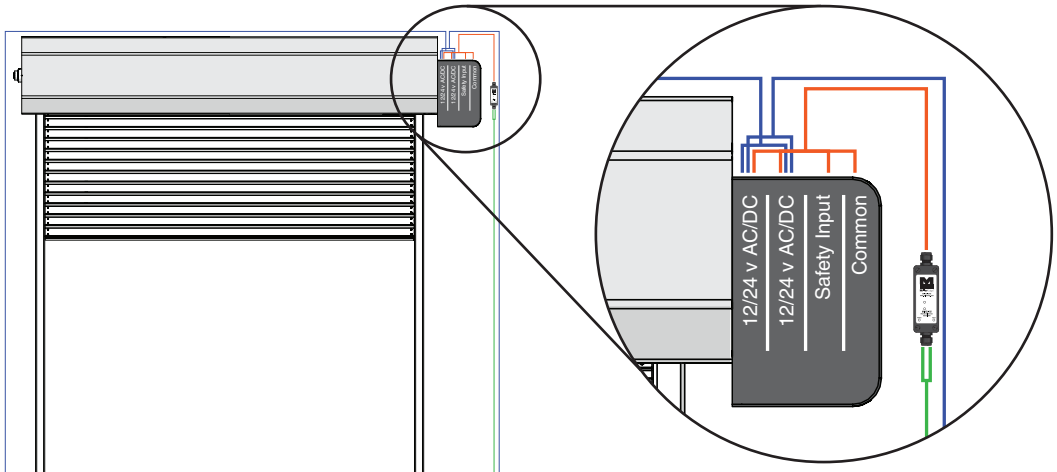
- Rebel Photo Optic System
  - MIRF-S2
  - MIRF-S2-50
- Patriot® Telescoping Traveling Photo Optic System
  - MIRF-T2
  - MIRF-T2-50
- Patriot® Z-Flap Traveling Photo Optic System
  - MIRF-Z2
  - MIRF-Z2-50

GENERAL SPECIFICATIONS

PERFORMANCE	
Response Time	30 ms nominal
Operating Temperature	-18°C to 55°C (0°F to 130°F)

ELECTRICAL	
Power Source	12-24 volts AC/DC
Current Consumption	50 mA max.
Relay Rating	5 A, 250 volts AC
External Device Power	Standard photo eye power connection
Input	2-wire pulsed (monitored) photo eye
Output	Normally open, normally closed (non-monitored, fail safe)

PHYSICAL	
Dimensions	1.75"H x 1.75"W x 6.625"L (4.45 x 4.45 x 16.83 cm)
Weight	6.4 oz.
Housing Material	Polycarbonate
LED Indicators	2: Power, active
Degree of Protection	NEMA 4, Class 2 device



MIRCU-2 WIRING DIAGRAM

PHOTO OPTIC EMITTER **PHOTO OPTIC RECEIVER**

Contact Miller Edge to ensure compatibility.