

## MONITOR MODULE

### DESCRIPTION

Monitor Module (P/N 55-041/55-046) is used to monitor the normally open contacts of an auxiliary device. In addition to monitoring the contact, the device will monitor the wiring to the device for open circuits via an end of line resistor. This device is capable of Class A or Class B operation. This device also incorporates a 'short circuit detect' feature if programmed accordingly and added resistor to wiring. The tri-color LED provides instant module status.



### SPECIFICATIONS

|                                |   |
|--------------------------------|---|
| Normal Operating Voltage:      | 15 to 30 VDC  |
| Standby Current:               | 485 $\mu$ A max. (continuous broadcasts)<br>2 mA max. Avg. (continuous broadcasts, IDC Shorted)   |
| IDC Voltage:                   | 5.4 VDC max.  |
| Alarm Current:                 | 1.6 mA (red LED on)   |
| Maximum IDC Wiring Resistance: | 100 $\Omega$  |
| Temperature Range:             | 32°F to 120°F (0°C to 49°C)   |
| Humidity:                      | 10 to 93% RH Noncondensing  |
| Dimensions:                    | 4.17" H x 4.26" W x 1.22" D (106 mm H x 108 mm W x 31 mm D)   |
| Accessories:                   | 39 k $\Omega$ End of Line Resistor P/N 10-2625 included)<br>Wall cover plate (included)<br>20-1072 Surface Mount Electrical Box<br>14 k $\Omega$ Short Detect Resistor, P/N 10-2530, must be ordered separately |
| Mounting:                      | Mounts on a 4" x 4" x 2 1/8" Junction Box   |

### ORDERING INFORMATION

| Fike P/N           | Description                   |
|--------------------|-------------------------------|
| 55-041             | Monitor Module - Non-isolator |
| 55-046             | Monitor Module - Isolator     |
| <b>Accessories</b> |                               |
| 20-1071            | Control Module Barrier        |
| 20-1072            | Surface Mount Box             |
| 55-051             | Configuration IR Tool         |

### APPROVALS

- UL - S3705
- FM - 3021599 (non-isolator) 3023166 (isolator)
- MEA - 8-05-E
- CSFM - 7300-0900:140

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