

## CONTROL MODULE

### DESCRIPTION

Control Modules (P/N 55-042/55-047) are used to switch an external power supply to notification appliances or releasing sprinkler solenoids with P/N 10-2360 Res/Diode pack. The devices will supervise the wiring to the auxiliary device for open and short circuits via an end of line resistor. The control module will also have the capability to monitor the external power input for loss of power (DC voltage supplies only). This module is capable of Class A or Class B operation. The tri-color LED is located on the front of the module to provide instant device status. This device is capable of sounding a notification appliance for many different output patterns such as: slow, fast, temperal, continuous or user defined.



### SPECIFICATIONS

Normal Operating Voltage:	15 to 30 VDC
Standby Current:	630 $\mu$ A max. average (continuous broadcasts)
Alarm Current:	2 mA (red LED on)
Maximum NAC Circuit Wiring Resistance:	100 ohms
Power Supply Monitor:	Normal Range: 9 to 80 VDC Trouble Range: 0 to 2 VDC
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) Wall cover plate (included) P/N 20-1072 Surface Mount Electrical Box P/N 20-1071 Control Module Barrier P/N 10-2360 Solenoid Series Impedance
Mounting:	Mounts to a 4" x 4" x 2 1/8" Junction Box

Current Rating	Maximum Voltage	Load Description	Application
3A	30 VDC	Resistive	Non-Coded
2A	30 VDC	Resistive	Coded
1A	30 VDC	Inductive (L/R=2 ms)	Coded
0.5A	30 VDC	Inductive (L/R=5 ms)	Coded
0.9A	70.7 VAC	Resistive	Non-Coded
0.7A	70.7 VAC	Inductive (PF=.035)	Non-Coded

## ORDERING INFORMATION

<b>Fike P/N</b>	<b>Description</b>
55-042	Supervised Control Module - Non-isolator
55-047	Supervised Control Module - Isolator
<b>Accessories</b>	
20-1071	Control Module Barrier
20-1072	Surface Mount Box
55-051	Configuration IR Tool

## APPROVALS

- UL - S2203
- FM - 3021590 (non-isolator) 3023166 (isolator)
- MEA - 8-05-E
- CSFM - 7165-0900:137

