

CONTROL MODULE

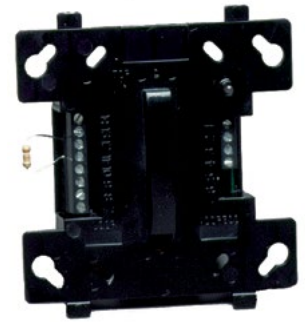
DESCRIPTION

The Control Module, P/N 55-042 & 55-047, provides a means to switch an external power supply to notification appliances or release solenoids used for sprinkler operation, or to activate Fike's Masterbox Interface module, P/N 10-2413, which is used on a Local Energy Type Auxiliary Fire Alarm System. The module is capable of Class A or Class B wiring. The device will monitor the wiring (while external power is not switched to the auxiliary devices) to the connected device for open and short circuits via an end of line resistor (Class B only). The module will monitor the external power input for loss of power (DC voltage supplies only). The isolator version of the module, P/N 55-047, provides complete short circuit isolation for installations requiring NFPA, Class X wiring.

The module is compatible with Fike's CyberCat® and Cheetah® Xi intelligent control panels. Its operating parameters are configured using the panel's programming software and are stored within non-volatile RAM in the module. This on-board intelligence allows each module to communicate its status directly to other devices connected to the panel. This peer-to-peer digital protocol results in less information that needs to be sent between the module and the host control panel, resulting in faster, more reliable communication.

SPECIFICATIONS

Normal Operating Voltage:	15 to 30 VDC
Standby Current:	630 uA max. average (continuous broadcasts)
Alarm Current:	2 mA (red LED on)
Maximum NAC Circuit Line Loss:	4 VDC
Power Supply Monitor:	Regulated 24 VDC Trouble Range: 0 to 2 VDC
Temperature Range:	32 to 120°F (0 to 49°C)
Humidity:	10 to 93% RH Non-condensing
Dimensions:	4.675"H x 4.275"W x 1.4"D (119 mm H x 109 mm W x 36 mm D)
Accessories:	39kΩ End of Line Resistor P/N 10-2625 (included) Wall cover plate (included) Surface Mount Electrical Box: P/N 20-1347 Control Module Barrier: P/N 20-1346 Series Solenoid Diode/Resistor: P/N 10-2360
Mounting:	Mounts directly on a 4-inch square electrical box with a minimum depth of 2 1/8 inches. For surface mounting, use 20-1347 surface mount box.



APPROVALS:

- UL - S2203
- FM
- City of New York - 8-05-E
- CSFM - 7165-0900:0137



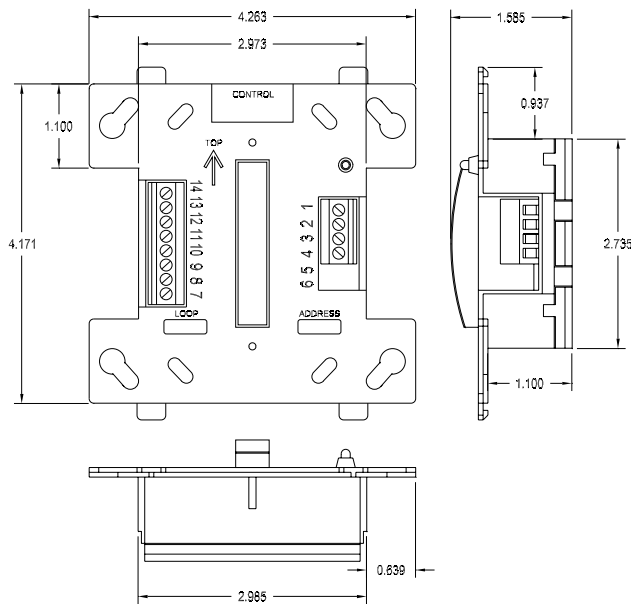
OUTPUT RATING

Current Rating	Maximum Voltage	Load Description	Application
2A	25 VAC	PF=0.35	Non-Coded
3A	30 VDC	Resistive	Non-Coded
2A	30 VDC	Resistive	Coded
0.46A	30 VDC	(L/R=20 ms)	Non-Coded
0.7A	70.7 VAC	PF=0.35	Non-Coded
0.9A	125 VDC	Resistive	Non-Coded
0.5A	125 VAC	PF=0.75	Non-Coded
0.3A	125 VAC	PF=0.35	Non-Coded

ORDERING INFORMATION

Fike P/N	Description
55-042	Supervised Control Module - Non-isolator
55-047	Supervised Control Module - Isolator
Accessories	
20-1346	Control Module Barrier
20-1347	Surface Mount Box
55-051	IR Tool
10-2360	Series Solenoid Diode/Resistor
10-2625	39K EOL
13-0192	COVERPLATE

MODULE DIMENSIONS



TERMINAL DEFINITIONS

T1	(+) SLC in/out	T8	(+) 24 VDC External Power in/out
T2	(-) SLC in/out	T9	(-) 24 VDC External Power in/out
T3	(+) SLC in/out	T10	(+) 24 VDC External Power in/out
T4	(-) SLC in/out	T11	NAC (+) Class A/B
T5	No Connection	T12	NAC (-) Class A/B
T6	No Connection	T13	NAC (-) Class A
T7	(-) 24 VDC External Power in/out	T14	NAC (+) Class A