



DATA SHEET

RELEASING CONTROL MODULE

DESCRIPTION

The Releasing Control Module, P/N 55-052/55-053, provides a means to supervise and control either an agent/impulse release module(s) or a solenoid compatible with the Cheetah Xi™. It can only be used for one application at a time. Supervising up to six agent/impulse release modules or one solenoid, but never both simultaneously. This module also monitors the external power input for loss of power. The module has a tri-color LED that will flash a unique color for instant status indication (Green for normal operation, Red for module active, and Yellow for device trouble). The isolator version of the module, P/N 55-053, provides complete short-circuit isolation for installations requiring NFPA 72, Class X wiring.

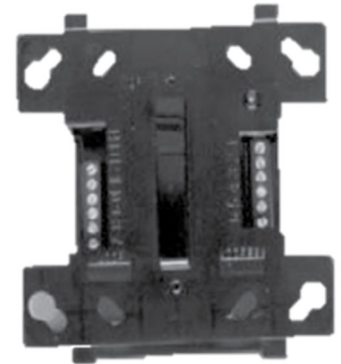
The module is compatible with Fike's Cheetah Xi intelligent control panels. Its operating parameters are configured using the panel's programming software and stored within the module's non-volatile RAM. This onboard intelligence allows each module to communicate its status directly to other devices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

SPECIFICATIONS

SLC:	Normal Operating Voltage: 24 VDC Nominal Standby Current: 450 µA max, average (continuous broadcasts) Activation Current: 6 mA (red LED on)
External Supply:	Normal Operating Voltage: 24 VDC Nominal Standby Current: 6.4 mA Activation Current: 10 mA
Agent Releasing Module:	Supervisory Loop Voltage: 20 to 28 V Supervisory Loop Current (Normal): 13 mA
Solenoid:	Supervisory Loop Voltage: 3.3 V Supervisory Loop Current (Normal): 30 mA
Temperature Range:	32 to 120°F (0 to 49°C)
Humidity:	10 to 93% RH Non-condensing
Dimensions:	4.17"H x 4.26"W x 1.22"D (106 mm H x 108 mm W x 31 mm D)
Mounting:	4" square electrical box with 2 1/8" minimum depth. For surface mounting, use a 20-1347 surface mount box.

ORDERING INFORMATION

Fike P/N	Mfg. P/N	Description
55-052	EM-1RM	Releasing Module (Cheetah Xi Only), Non-isolator
55-053	EM-1RMI	Releasing Module (Cheetah Xi Only), Isolator
Accessories		
CB500	CB500	Control Module Barrier
20-1347	SMB500	Surface Mount Box
55-051	EA-CT	IR Tool
FP-WHITE-ECL-BP	FP-WHITE-ECL-BP	Cover Plate
10-2165		2.7Kohm End of Line Resistor Assembly
10-2360		Series Solenoid Diode/Resistor Assembly



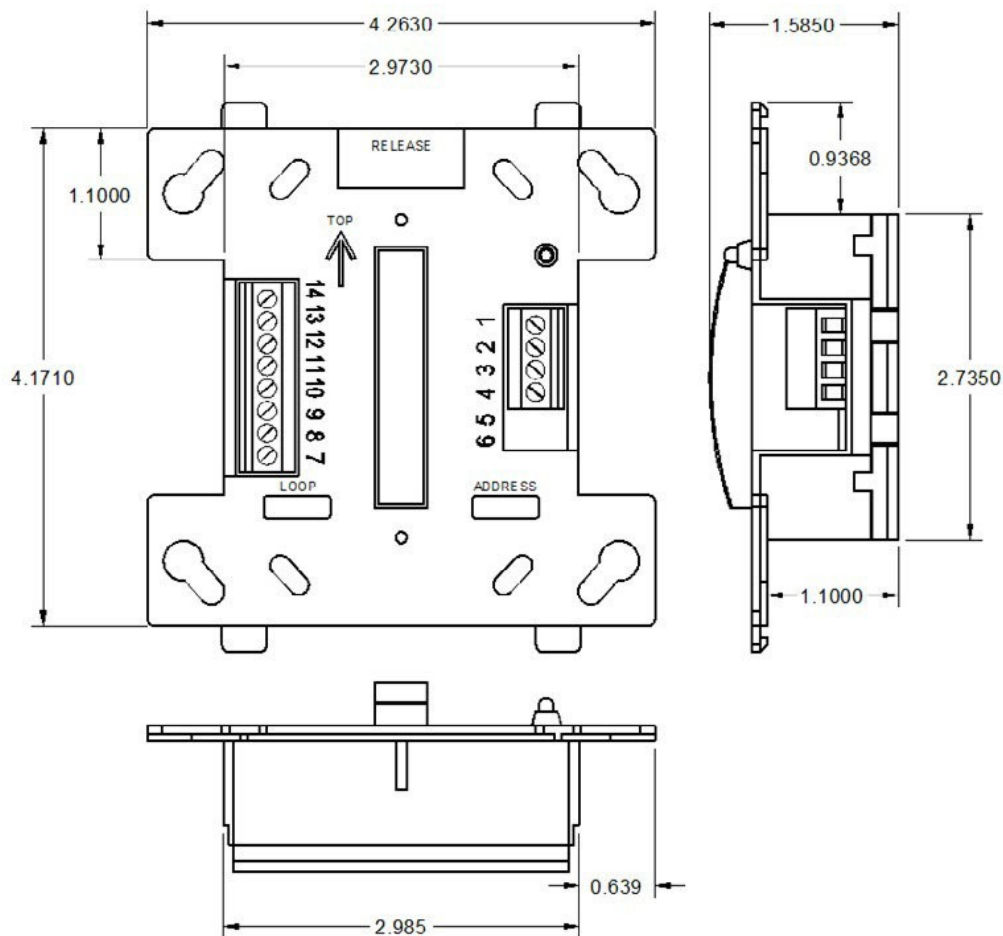
APPROVALS:

- UL
- FM
- City of New York
- CSFM

Refer to agency web site for details.



MODULE DIMENSIONS



TERMINAL DEFINITIONS

T1	(+) SLC in/out	T8	(+) external power line in/out
T2	(-) SLC in/out	T9	(-) external power line in/out
T3	(+) SLC in/out	T10	(+) external power line in/out
T4	(-) SLC in/out	T11	(+) ARM supervisory/(-) ARM
T5	No Connection	T12	(-) ARM supervisory/(+) ARM
T6	No Connection	T13	(-) Solenoid
T7	(-) external power line	T14	(+) Solenoid