

## RELEASING CONTROL MODULE

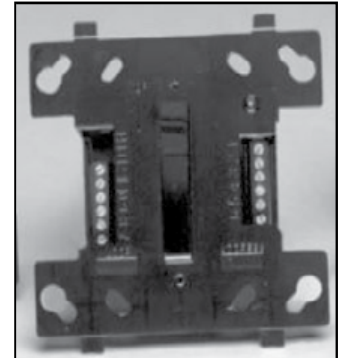
### DESCRIPTION

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 type of application at one time (either 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, 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 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

SLC	Normal Operating Voltage: 24 VDC Nominal Standby Current: 450 uA maximum average (continuous broadcasts) Activation Current: 6 mA (red LED on)
External Supply	Normal Operating Voltages: 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 Noncondensing
Dimensions:	4.17"H x 4.26"W x 1.22D (106 mm H x 108 mm W x 31 mm D)
Accessories:	2.7 kW End of Line Resistor (included); Wall cover plate (included); Surface Mount Electrical Box
Mounting:	4" square electrical box with 2 1/8" minimum depth. For surface mounting, use 20-1347 surface mount box.



### APPROVALS:

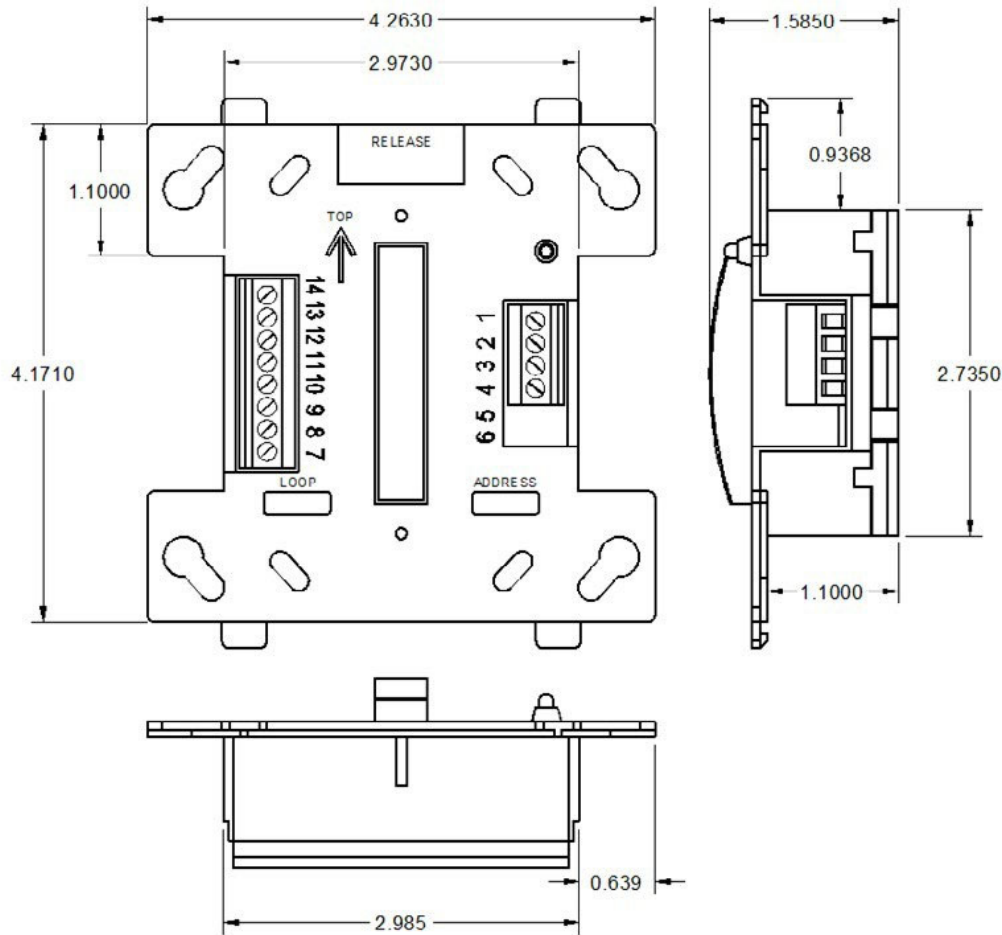
- UL
- FM
- City of New York - 376-06-E
- CSFM - 7300-0900:0143



### 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
<b>Accessories</b>		
20-1346	CB500	Control Module Barrier
20-1347	SMB500	Surface Mount Box
55-051	EA-CT	IR Tool
13-0192	C58-004-000	Cover Plate
10-2165		2.7Kohm End of Line Resistor

## 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 activation
T5	No Connection	T12	(-) ARM supervisory/(+) ARM activation
T6	No Connection	T13	(-) Solenoid
T7	(-) external power line in/out	T14	(+) Solenoid