

RELEASING CONTROL MODULE

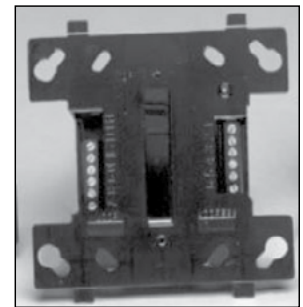
DESCRIPTION

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 result 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 P/N 10-2165 (included) Wall cover plate (included) Surface Mount Electrical Box P/N 20-1072
Mounting:	Mounts on a 4" x 4" x 2 1/8" J-Box



APPROVALS:

- UL Listed - S3217
- FM
- City of New York - 376-06-E
- CSFM - 7300-0900:0143

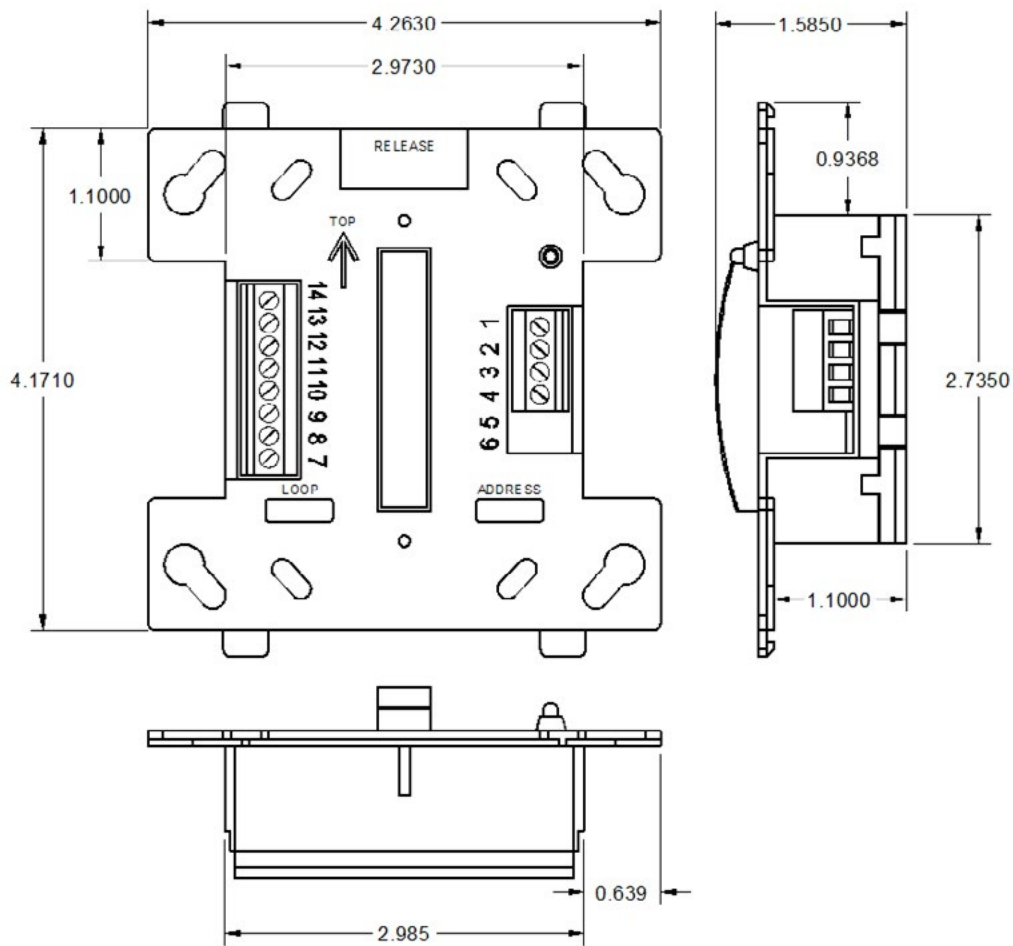


ORDERING INFORMATION

Fike P/N	Mfg. Mode	Description
55-052		Releasing Module (Cheetah Xi Only) - Non-isolator
55-053		Releasing Module (Cheetah Xi Only) - Isolator
Accessories		
20-346	CB500	Control Module Barrier
20-347	SMB500	Surface Mount Box
55-051		Configuration IR Tool
13-0192		COVERPLATE
10-2165		2.7K ohm End of Line

Note: Refer to the Fike document P/N 06-186 for listing of compatible releasing devices that can be connected to the releasing control module.

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