

Architect and Engineering Specifications

FEATURES

- Compatible with Cheetah, SHP and Rhino
- UL Listed for NFPA 71 and 72C, MEA approved, CSFM Listed.
- Four supervised "channel" inputs
- Remote programming
- Dual phone line interface with line monitoring
- Automatic 24 hour "check-in" test
- Multiple format/receiver compatible

DESCRIPTION

The Fike model 10-2256 is a four channel "slave" digital communicator compatible with Cheetah, SHP and Rhino. The 10-2256 is easy to install, program and service.

Telephone Interface

The model 10-2256 utilizes two separate phone lines for reporting. Both phone lines are monitored for faults.

AC Monitoring

For Cheetah installations, the Cheetah provides the required AC monitoring and reporting delays. For SHP/Rhino, main power is provided to the 10-2256 for monitoring purposes. The 10-2256 is then programmed for necessary reporting delays.

Power Input

The 10-2256's power can be supplied from Cheetah, SHP, Rhino or a separate, Listed 24 Vdc power source.

**U.L. Listed - S3511
CSFM - 7300-0559:120
New York City - MEA 429-92-E**

10-2256

Channel Inputs

The 10-2256 communicator has four input channels. The inputs are programmed to monitor "open" relay contacts. The inputs can be programmed supervised or non-supervised. Input channels have preset types as follows:

Chnl	Type	Default	Options
1	Alarm	Fire	Sprinkler
2	Trouble	Fire	Sprinkler
3	Supervisory	Sprinkler	Fire
4	Alarm	Undefined	_____

Channel #4 can be used to monitor various functions such as pre-discharge, release, manual release, etc.

Audible Alarm

An on-board audible alarm is provided on the 10-2256

Programming/Downloading

The 10-2256 may be programmed using either:

- 1) 10-2257/10-2258 keypad/cable
- 2) 10-2259/06-151 modem/downloading software.

Test Functions

The 10-2256 communicator incorporates a watchdog circuit for monitoring the microprocessor. On power up a system self-test is initiated. A "check-in" can be programmed to send a test signal each day, at a specific time, to the central station.

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS:

Input: 24Vdc, 84 mA during standby,
154 mA during communication (alarm)

Indicator Lights (LEDs):

Green power LED
Red LEDs for phone line trouble
Yellow LED for faulted input and system trouble

Reporting Formats:

Communicators via SK 3/1, SESCO 3/1, SK 4/2, SK FSK (4/2), Radionics BFSK and SIA formats.

Requirement:

FCC Registration No: AC6USA-75160-AL-E
Ringer Equivalence: 0.9B
Type of Jack: RJ41X (2 required)

Mechanical Specifications:

Model 10-2256

Dimensions: 10-3/8"h x 10-1/8"W x 3"D
Enclosure: Sheet metal cabinet
Color: Red
Weight: 6 pounds

Approvals:

UL Listed - UL 864, NFPA 71, 72C
New York City: MEA 429-92-E Vol. III
California State Fire Marshall: 7300-0559:120

Accessories:

10-2257 - Programmer/keypad
10-2258 - Programmer cable
10-2259 - Modem
06-151 - Downloading software

