RESURGAM CITY OF PORTLAND, MAINE
Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 09/30/13

FireFinder XLS and FS-250

Intelligent Device Interface Module

Model HTRI-M {HTRI-MC for Canada}

ARCHITECT AND ENGINEER SPECIFICATIONS

- Interfaces and supervises normally open (N.O.) contacts: [i.e. – fire detection] or normally closed (N.C.) contacts: [i.e. – security detection]
- Compact size allows mounting in single-gang box behind equipment
- Polarity Insensitive with *SureWire*™ technology
  - Innovative technology supports comprehensive system and interface communication
- Operates with FireFinder XLS panel's Model DLC circuit
- Dynamic Supervision
- (2) Two-wire operation
- Device Program / Test Unit (Model DPU) programs and verifies address and test functionality
- ℞UL Listed, ℞ULC Listed; FM, CSFM and NYMEA Approved

Product Overview

The Intelligent Interface module (Model HTRI-M) is designed to provide the means of interfacing direct shorting devices to the Device Program / Test Unit (Model DPU) for the FireFinder XLS and FS-250 fire-alarm control panels (FACPs).

Model HTRI-M provides the most advanced method of address programming and supervision – including sophisticated FACP-communication – in the fire and life safety market. Each Model HTRI-M interface module incorporates microcomputer-chip technology, and advanced bi-directional communication capabilities with the respective FACP.

Model HTRI-M is designed to monitor a N.O. or N.C. dry contact, and reports the contact status to the FACP. The microcomputer chip for Model HTRI-M has the capacity of storing – in memory – identification information, as well as integral operating-status data.

Specifications

Each Model HTRI-M interface module is programmed, via Model DPU, which is a compact, portable and menu-driven accessory that makes programming and testing a given interface more accurately and efficiently than ever before.

Model DPU eliminates the need for mechanical-addressing mechanisms — such as program jumpers, DIP switches or rotary dials — since Model DPU sets the interface address of Model HTRI-M into its microcomputer-chip, non-volatile memory electronically.

Vibration, corrosion and other conditions that deteriorate mechanical-addressing mechanisms are no longer a cause for concern. Model HTRI-M is connected to Model DPU with the programming cable provided with the tester. This programming cable (P/N 110-694927) utilizes two (2) alligator clip connectors, to attach to the HTRI-M.

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Specifications — (continued)

Model HTRI-M has five (5) leads [one (1) of the five (5) leads is for grounding], which are wired to the system with user-supplied wire nuts.

Model HTRI-M is fully compatible on the same Model DLC circuit with all intelligent H-series detectors; HMS-series addressable, manual stations; or any other H-series addressable intelligent modules, such as Model HZM or Model HCP.

Temperature and Humidity Range

Models are ®UL 864 9th Edition listed for indoor dry locations within a temperature range of 120+/-3°F (49+/-2°C) to 32+/-3°F (0+/-2°C) and at a relative humidity of 93+/-2% at a temperature of 90+/-3°F (32+/-2°C).

Electrical Rating

Current Draw (Active or Standby):	

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Details for Ordering

Model Number	Part Number	Description
HTRI-M	500-034000	Single-input Intelligent Interface Module
HTRI-MC	500-034000C	Single-input Intelligent Interface Module, Canada

Note: Each HTRI-series model is 3.5 ounces (0.1 kilograms) for Shipping Weight.

Notice: This marketing catalog sheet is not intended to be used for system design or installation purposes. For the most up-to-date information, refer to each product's installation instructions.

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