

Intelligent Initiating Devices

Intelligent Device Interface (Mini) Module

Model HTRI-M | -MZ

ARCHITECT AND ENGINEER SPECIFICATIONS

- Interfaces and supervises normally open (N.O.) contacts: [i.e. – fire detection]
- Interfaces and supervises 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
- Dynamic supervision
- Two-wire operation
- Device Programmer / Test Unit programs and verifies address and test functionality
- UL Listed, ULC Listed; FM, CSFM and NYC Fire Department Approved



Product Overview

The Intelligent Interface Module (Model HTRI-M | -MZ) is designed to provide the means of interfacing direct shorting devices to the Device Program / Test Unit (Model DPU) for various Siemens – Fire Safety fire-alarm control panels (FACPs), which include the 50-point, 252-point and 504-point addressable fire systems.

Model HTRI-M | -MZ 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 | -MZ interface module uses microcomputer-chip technology, and advanced bi-directional communication capabilities with the respective Siemens – Fire Safety FACP.

Model HTRI-M | -MZ 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 | -MZ has the capacity of storing – in memory – identification information, as well as integral operating-status data.

Specifications

Device Programmer Tester, Model DPU

Each Model HTRI-M | -MZ interface module is programmed using 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 | -MZ 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 | -MZ 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 | -MZ.

Specifications – (continued)

Model HTRI-M | -MZ 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 | -MZ is fully compatible on the same Model DLC circuit with all intelligent Siemens Model `H'-series detectors; Model `HMS'-series addressable, manual stations; or any other Model `H'-series addressable intelligent modules (i.e. – Model HZM | -Z or Model HCP | -Z).

Electrical Rating

Current Draw: (Active or Standby)	1.3mA
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Details for Ordering

Model	Part Number	Description
HTRI-M	500-034000	Intelligent (Mini) Interface Module
HTRI-MZ	S54322-F11-A1	Intelligent (Mini) Interface Module [C.O.O.* – USA]

* denotes (C)ountry (o)f (O)rigin

Notice: This marketing data 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.