SIEMENS

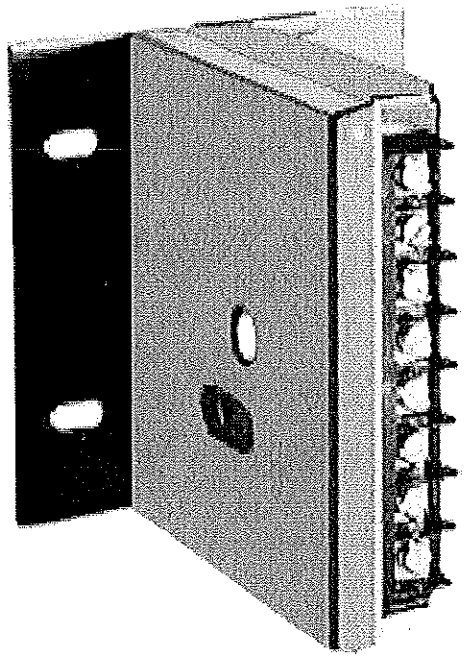
Catalog Sheet
Fire Safety & Security Products

FireFinder XLS

Remote Conventional Zone Module
Model HZM

ARCHITECT AND ENGINEER SPECIFICATIONS

- Provides distributed conventional zoning
- One (1) conventional initiating device circuit
- Connects to FireFinder XLS circuits
- Powers up to 15 Series 3 or 11 smoke detectors
- Powers one (1) beam detector (PBA-1191) with no additional devices
- Unlimited shorting devices per circuit
- Class A (Style D) or Class B (Style B)
- Multicolor LED for status indication
- 32-character, custom alphanumeric message
- Alarm-verification capability
- *WalkTest* capability
- No mechanical-address programming required
- Includes metal cover plate
- Circuits power limited, per NEC 760
- ®UL 864 9th Edition Listed and ©ULC Listed; FM, CSFM & NYMEA Approved



Product Overview

Model HZM is a FireFinder XLS intelligent device that connects a single zone of conventional devices to an analog loop. Model HZM can power up to 15 Series 3 and Series 11, two-wire ionization and photoelectric smoke detectors. Model HZM can power one (1) beam detector (PBA1191) with no additional devices, and can also monitor listed alarm-causing shorting devices, such as: water-flow switches, thermal detectors, manual stations, etc.

Each Model HZM can be assigned a 32-character, custom alphanumeric message. The multicolor LED – visible through the cover plate – indicates the condition of the circuit. The multicolor LED displays 'red' for *Alarm*, 'yellow' for *Trouble* and 'green' for *Normal* operation.

Model HZM supports Class A (Style D) or Class B (Style B) wiring. Model HZM occupies one (1) address on the Model DLC circuit, and does not require any mechanical address programming. Model HZM is programmed and tested using the Siemens Industry, Inc. – Fire Safety Division's Device Program / Test Unit (Model DPU).

Application

Use of Model HZM modules allows a system to be designed using a combination of intelligent and conventional devices with a substantial reduction in wire.

Intelligent devices can be employed in those areas requiring pinpoint annunciation, as well as analog-detection features. Common or other areas can be protected using conventional-zone detection connected to Model HZM circuits.

The method of 'distributed conventional zoning' through the use of modules connected to intelligent circuits can result in a substantial installed cost savings.

Temperature and Humidity Range

Products 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).

Remote Conventional Zone Module 6330

SIEMENS Industry, Inc.
Building Technologies Division

Technical Data

– HZM Electrical Ratings –

Initiating Device Zone	
Max. Zone Resistance	35 ohms Total
Supervisory Voltage Range	18-24.5VDC
Max. Zone Current	34mA
24VDC Power	
Voltage Range	18.8-28.2VDC
Max. Current	100mA

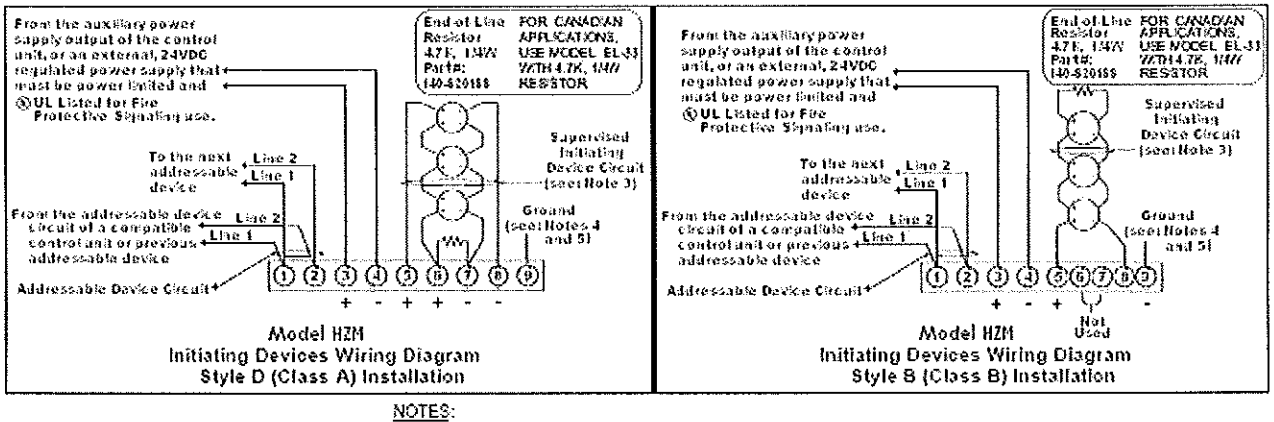
Compatibility Devices

– For use with HZM –

Detector	Base	Installation Instructions
DI-3/3H	DB-3S	315-081943-17
DI-A3/A3H	DB-3S	315-081943-17
DI-B3/B3H	AD-3I	315-093234-6
DT-3P-135	DE-3S	315-017545-3
DT-11	DB-11, DB-3S with DB-ADPT	315-095429-2
PB-1191	PBB-1191	315-095424-3
PE-3	DB-3S AD-3ILP	315-090875-7 315-093234-6
PE-11/11T	DB-11, DB-3S with DB-ADPT AD-11P	315-094198-9 315-095659-8

- ✓ Use up to 15 detectors, any combination of those listed
- ✓ Only one (1) Model PB-1191 and no additional devices can be connected to each Model HZM
- ✓ Detector operated accessories cannot be used with Model HZM
- ✓ Model DT-3P-135 is considered a shorting device. You may use an unlimited number of shorting devices
- ✓ The model numbers listed are the ®UL Listed compatibility identifiers

Wiring Diagrams



NOTES:
1. All circuits are power limited.
2. Initiating Device Circuit cable requirements: Wire size 18 to 14 AWG
3. If Earth Ground is available, the green wire should be connected to earth ground.
4. If Earth Ground is NOT available, the IDC wiring should be limited to the same room.
5. Model HZM draws 1mA from the addressable device circuit.

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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