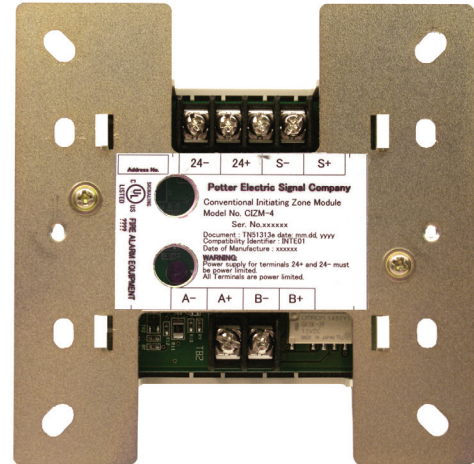


Features

- Compatible with conventional 2-wire smoke detectors
- IDC can be wired Class A or Class B
- Monitors presence of 24VDC Aux Power
- SLC Class A (Style 6,7) & Class B (Style4)
- Mounts in a standard 4" or double gang box
- Wiring terminals accessible when mounted in box
- All wiring terminals accept 22 to 14 AWG
- Product includes a 5 year warranty

Stock Number: 1430823



Application

The CIZM-4 is compatible with Potter's PFC-6000 series and PFC-8500 addressable fire alarm control panels. The CIZM-4 is used to supervise a zone of conventional 2-wire smoke detectors on an Initiating Device Circuit (IDC).

Description

The CIZM-4 module uses one (1) address on an SLC Loop and monitors a zone of 2 wire conventional smoke detectors. The module requires and supervises a 24VDC auxiliary power connection. The IDC may be wired Class B (Style B) or Class A (Style D) which is selectable by an on board jumper. The CIZM-4 employs one red LED to indicate the modules status. In normal condition, the LED flashes when the device is being polled by the control panel. When a device is activated, the LED will light continuously and in case of an open circuit, the LED will turn off.

Technical Specifications

Operating Voltage	22.0-24.0V
Max SLC Standby Current	325 μ A
Aux Power Required	1mA
Output Voltage Range of IDC	15.7 - 22.6V
Max Detector Standby Current of IDC at 24 VDC	2.4mA
Max Module Alarm Current of IDC at 24 VDC	50mA
Max Wiring Resistance of IDC	100 Ω
Max Wiring Capacitance of IDC	1 μ F
EOL Resistor	5.1K Ω
Operating Temperature Range	32 to 120°F (0 to 49°C)
Operating Humidity Range	0 to 93% (non-condensing)
Max no. of Module Per Loop	127 units
Dimensions	4.17" (106mm)L \times 4.17" (106mm)W \times 1.14" (29mm)
Mounting Options	Standard 4" Square or Double Gang Box
Shipping Weight	0.6 lbs

Setting the Address

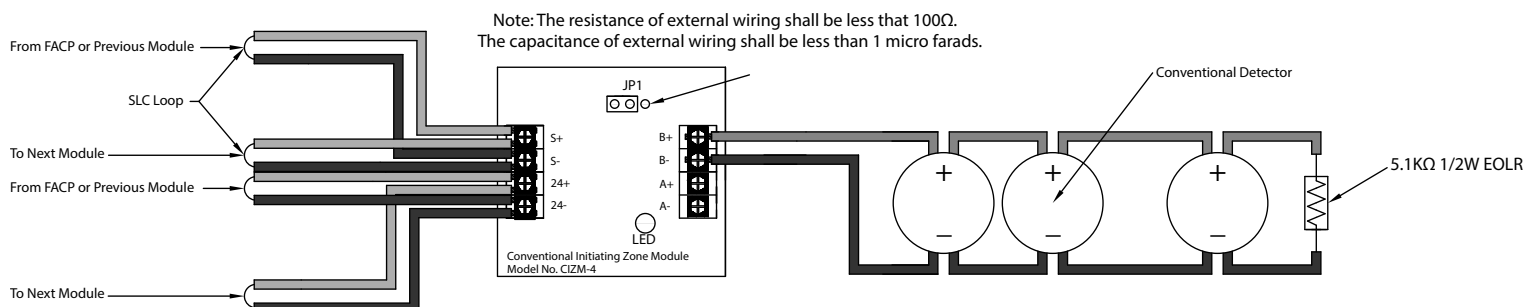
Each SLC device must be assigned an address prior to installation. The address is set using either the hand held device programmer or the addressing feature on the PFC-6800 / PFC-8500 series control panels.

Before connecting a device to the SLC loop, take the following precautions to prevent potential damage to the panel or device verify the following:

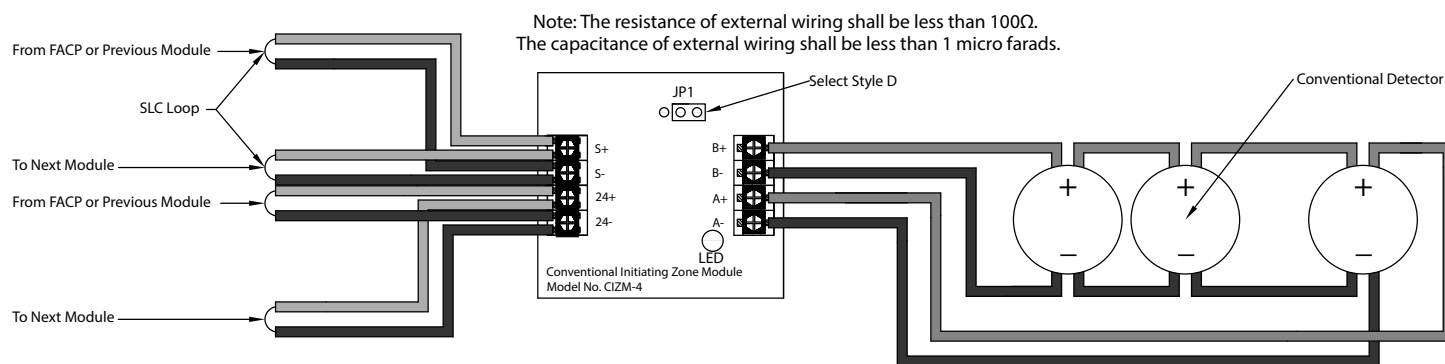
1. Power to the device is removed
2. Field wiring is correctly installed.
3. Field wiring has no open or short circuits.

Wiring Diagrams

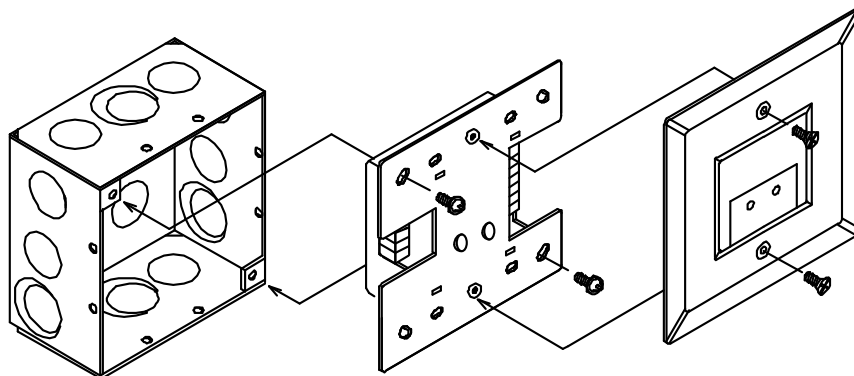
Typical Class B Wiring Diagram



Typical Class A Wiring Diagram



Installation Using Compatible Electrical Box



Compatible 2-Wire Smoke Detectors

Manufacturer	Detector		Base		Max. Connectable No. (units)
	Model No.	UL Approval No.	Model No.	UL Approval No.	
System Sensor	1400	A	N/A	N/A	20
	2400	A	N/A	N/A	20
	2W-B	A	N/A	N/A	20
	2WT-B	A	N/A	N/A	20
	2WTA-B	A	N/A	N/A	20
Detection Systems	DS250	A	MB2W/MB2WL	A	25
	DS250TH	A	MB2W/MB2WL	A	25
	DS250HD	A	MB2W/MB2WL	A	25
Nohmi	FDS01U	I51FE1	FBZ01U	FE51A	25
	FDKU009-D-TX	P55FE1	FZB01U	FE51A	25
	FDKU009-D-TX	P55FE1	FZB01U-SX	FE53A	25
	FDKU009-D-TX	P55FE1	FZB01U-SX with remote annunciator	FE55A	25
	FDHU001-D-X	P56FE1	FZB01U	FE51A	25
	FDHU001-D-X	P56FE1	FZB01U-SX	FE53A	25
	FDHU001-D-X	P56FE1	FZB01U-SX with remote annunciator	FE55A	25
	FDLU008-D-X	P56FE1	FZB01U	FE51A	25
Hochiki	SLR-24	HD-3	NS6-220	HB-3	25
Potter	PS-24	HD-3 (Hochiki)	SB-93	HD-3 (Hochiki)	25