



### Features

- Programmable initiating device circuit (IDC)
  - Class A (Style D)
  - Class B (Style B)
- Programmable contact relay output
- Unsupervised opto-isolated input
- PRECISION SLC device
  - Style 4, 6 or 7 wiring
- LED status indicator

### Product Description

The PRECISION Input Output Monitor Module is designed for use with the PROACTIV Fire Alarm Control Panel (FACP) System.

The I/O module provides both a programmable contact monitoring input circuit as well as a programmable output contact.

There is a red LED status indicator visible through the cover plate that provides indication of the module being polled as well as indication of contact output activation.

The Input Output Monitor Module is designed to mount to either a standard 4 inch square or double gang electrical box.

### Operation

The address and the wiring style of the monitoring circuit is configurable. The wiring style can be either Class A (Style D) or Class B (Style B).

The module has two modes of operation:

- (1) Monitor any normally open contact fire alarm initiating device. When the device contacts close the module will send an alarm signal to the FACP.
- (2) Function as an output relay closure, which is controlled by signals from the FACP.

### Ordering Information

#### PRECISION Devices

Description	Model	Description	Model
PRECISION LaserCOMPACT Detector	VLC-828	Remote Indicator	VFD-603
Photoelectric Smoke Detector	VFD-100	Switch Monitor Module	VFD-501
Ionization Smoke Detector	VFD-200	Priority Switch Monitor Module	VFD-502
Heat Detector	VFD-300	Mini Switch Monitor Module	VFD-506
Multi-sensor Detector	VFD-400	Priority Mini Switch Monitor Module	VFD-505
4-inch Mounting Base	VFD-000	Sounder Control Module	VFD-504
4-inch Relay Base	VFD-003	Input Output Monitor Module	VFD-503
4-inch 20D Isolator Base	VFD-004	Short Circuit Isolator	VFD-500
6-inch E-Z Fit Mounting Base	VFD-005	Short Circuit Isolator Base	VFD-001
6-inch Trim Ring	VFD-002	PRECISION Addressing Cards	PSP-2039

**Note 1:** Not all of the above products are available in all regions.  
**Note 2:** The range of VESDA products is not included in the above list.  
 Consult your local distributor or Xtralis office for more information.

### Specifications

#### Device Type

PRECISION Addressable device

#### PRECISION SLC

NFPA 72 Style 4, 6 and 7. Style 7 requires the use of isolators

#### Operating voltage

24 VDC

#### Maximum Input circuit wiring resistance

50  $\Omega$

#### Operating Temperature

-20 to +70°C (-4 to 158°F)

#### Humidity

0 to 95% RH, non-condensing

#### Current consumption

Standby 850  $\mu$ A

Activated 4.85 mA

#### Terminations

PCB mounted terminal block

#### Alarm indicator

Red LED visible through cover plate

#### Monitored circuit style

Style D (Class A) or Style B (Class B)

switch selectable

End-of-Line resistor: 47k  $\Omega$

#### Output circuit relay rating

2 A @ 30 VDC, 0.6 A @ 125 VAC

#### Contacts

Form C

#### Dimensions

113 mm x 113 mm x 30 mm

(4.5 inch x 4.5 inch x 1.2 inch)

#### Weight

86 g (3 oz.)

#### Mounting

Mounts directly to either a double gang or 4-inch square electrical box

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