

## ITM Isolate Timer Module

### • Melbourne

Unit B2  
2A Westall Rd  
Springvale  
VIC 3171  
Tel (03) 9562 7577  
Fax (03) 9562 8044  
sales.vic@pertronic.com.au

### • Sydney

Unit 19  
287 Victoria Rd  
Rydalmere  
NSW 2116  
Tel (02) 9638 7655  
Fax (02) 9638 7688  
sales.nsw@pertronic.com.au

### • Brisbane

Unit 3  
23 Anthony St  
West End  
QLD 4101  
Tel (07) 3255 2222  
Fax (07) 3255 1122  
sales.qld@pertronic.com.au

### • Adelaide

65 Manton St  
Hindmarsh  
SA 5007  
Tel (08) 8340 9533  
Fax (08) 8340 9544  
sales.sa@pertronic.com.au

www.pertronic.com.au

### Product Overview:

The Pertronic **Isolate Timer Module (ITM)** provides a Countdown Timer for isolating a zone for a pre-determined period.

It may be used to isolate devices in a particular zone, when work that is being performed may cause an alarm activation.

### The Pertronic: Isolate Timer Module (ITM)

- Allows a zone to be isolated at the push of a button
- Provides the ability to isolate a zone for a programmable period of time
- Provides visual indication that the zone has been isolated by the panel
- Displays the current status of the isolated Zone, i.e. Normal or Alarm
- Provides Visual and Audible warning that the isolated countdown period is about to expire
- May be mounted in standard single-gang flush or surface-mount electrical fittings and is supplied with a protective plastic cover for installation during building construction
- Analogue Mode: Connects to a Pertronic F100A or F120A analogue addressable loop
- Stand alone mode: Connects to Conventional fire panels or third party Fire detection equipment



### Features:

- Two buttons provide simple operation of the **ITM**
  - ✚ Isolate Button: Increments the countdown isolation period in 12 steps of 2 min, 5 min, 30 min and 1 hour steps up to 8 hours. At the end of the time period the unit sends a reset / de-Isolate command to the Panel
  - ✚ De-Isolate Button: clears the countdown timer and sends the De-isolate command to the Panel
- An Isolate LED provides 'real time' indication that the zone has been isolated by the panel
- If a device within the isolated zone is activated into the 'Alarm' state, the 'LCD displays an 'A' for Alarm
- The LCD Display provides the real-time status of the Timer. If a device is in 'Alarm' and the countdown time is about to expire, the user may increase the isolate time to prevent a false activation
- Provides 2 x sets of clean-contact change-over relays for connection and control of third party equipment such as conventional panels or strobes. Both outputs are active during the Isolate condition
- In stand-alone mode, the two sets of clean contacts are used to disconnect/isolate the intended equipment
- Audible indication that the timer is about to expire activates 5 minutes before the timeout period. This can be silenced by either extending or clearing the countdown time
- For security, an 'External Access Lock' input allows device operation to be disabled by an external key-switch
- Uses two analogue addresses and is easily configured using Pertronic configuration software
- Each unloaded **ITM** draws 100µA in the quiescent state
- Integrated within a Series 500 PDL flush plate, allowing easy mounting. A range of switch covers may be used to suit any décor
- Once installed, all controls and indicators are accessible by simply removing the front switch cover, eliminating the need to detach the **ITM** from the wall for servicing

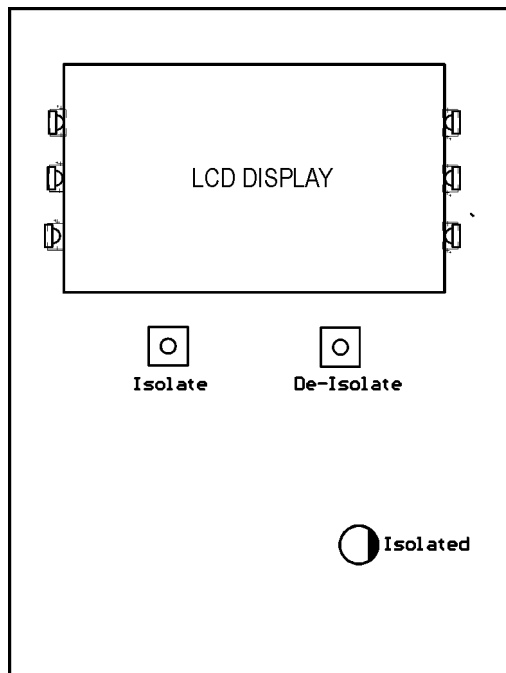
## Specifications:

<b>Electrical:</b>	<b>Operating Voltage</b> 15 to 32Vdc		<b>Quiescent Current</b> 10mA at 24Vdc	<b>Active Current</b> 20mA at 24Vdc
<b>Environmental:</b>	<b>Operating Temperature Range</b> 0 to +40 °C		<b>Humidity</b> 10 to 95% RH (non-condensing)	
<b>Mechanical:</b>	<b>Dimensions (H x W x D mm)</b>	<b>Weight</b>	<b>Material</b>	<b>Colour</b>
- Semi-Flush Mount	117 x 74 x 12	150g	ABS Plastic	White

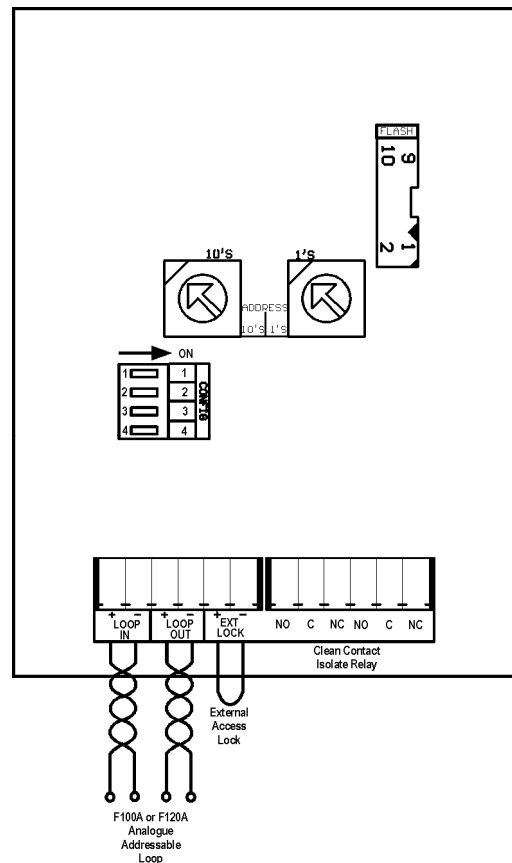
**Loop Input/Output:** Connects to and is powered by the Analogue Loop or 24Vdc  
**Clean Contact Relay:** 2 x Change-over contacts rated 2A @ 24Vdc or 0.5A @ 100Vrms  
**External Access Lock:** Short-circuit: Active    Open-circuit: Secure

## PCB and Wiring Diagram:

Front View



Rear View



## Ordering Information:

### Description

Isolate Timer Module

### Product Code

ITM

## PERTRONIC INDUSTRIES PTY LTD

### Melbourne

Unit B2  
2A Westall Rd  
Springvale VIC 3171  
Telephone: (03) 9562 7577  
Fax: (03) 9562 8044  
sales.vic@pertronic.com.au

### Sydney

Unit 19  
287 Victoria Rd  
Rydalmere NSW 2116  
Telephone: (02) 9638 7655  
Fax: (02) 9638 7688  
sales.nsw@pertronic.com.au

### Brisbane

Unit 3  
23 Anthony Street  
West End Qld 4101  
Telephone: (07) 3255 2222  
Fax: (07) 3255 1122  
sales.qld@pertronic.com.au

### Adelaide

Unit 3  
65 Manton Street  
Hindmarsh 5007  
Telephone: (08) 8340 9533  
Fax: (08) 8340 9544  
sales.sa@pertronic.com.au