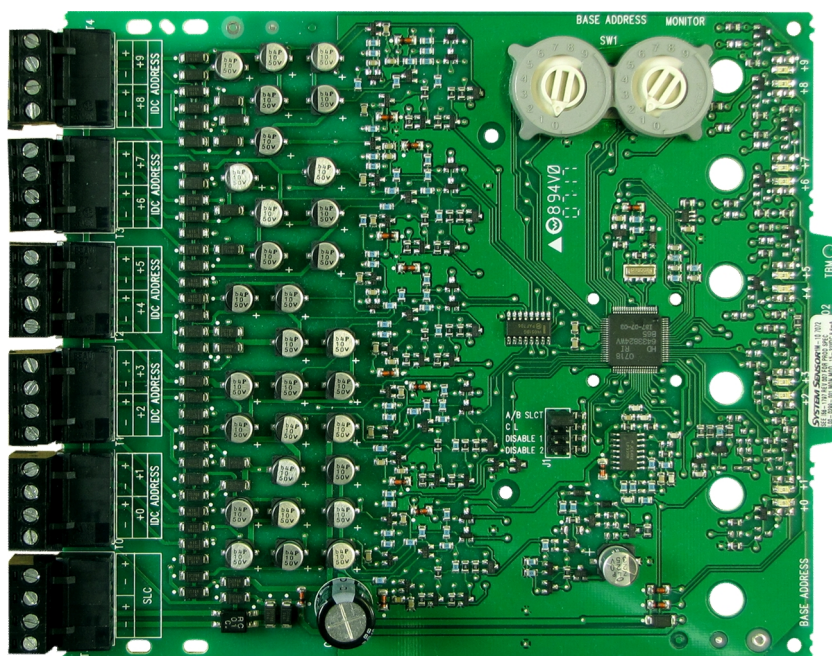## Product Overview:

The **Multi Monitor (10 Input)** module is designed to meet a range of applications in which several individually addressable supervised inputs are needed, for use in Pertronic Intelligent Fire Alarm Systems. Each monitor module is intended to interface between a fire alarm control panel and normally open contact devices. A common loop input is used for all ten modules, and the initiating circuits share a common supervisory supply. Otherwise, each monitor module operates independently from the others, having its own unique address.

A pair of rotary code switches sets the address of the first module from 01 to 90. The remaining modules are automatically assigned to the next nine higher addresses. Provisions are included for disabling up to two of the highest addresses to release them for use elsewhere. Each module also has panel controlled green LED indicators. The panel can cause the LEDs to blink, latch on or latch off.

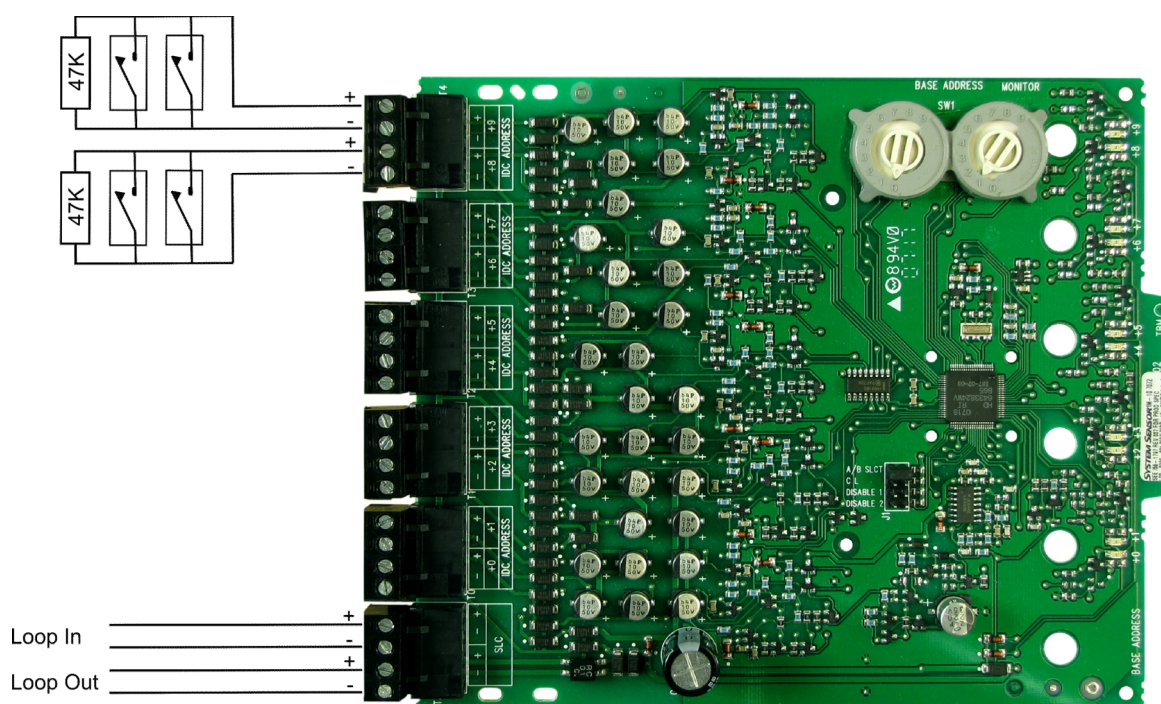**IM-10 Analogue Addressable Module Multi Monitor (10-Input)**

Features:

- » Robust microprocessor-based design
- » Removable plug-in terminals for quick and simple installation
- » Connectors accept 0.8 to 3.3 mm² cable
- » 10 individual LED indicators, one per input
- » Up to 2 unused addressable may be disabled
- » Analogue Addressable communications
- » Stable communication technique with noise immunity
- » Rotary Decade Address switches
- » Multi-mount chassis available for up to 4 multi-modules

Specifications:

- » Dimensions   173 x 147 x 31.8   W x H x D mm   Chassis Mount
- » Wiring/Connection   0.8 to 3.3 mm², plug-in connectors
- » Operating Temperature Range   -10°C to 49°C
- » Relative Humidity   10% to 85% RH   Non-Condensing
- » Voltage Range   15 to 32V_{DC}
- » Standby Current @ 24V_{DC} 3.5mA   Maximum
- » Alarm Current   60mA   assumes all 10 LEDs ON Steady
- » Maximum IDC Wiring Resistance   40 Ω
- » Maximum Monitoring Circuit Voltage   12 V_{DC}
- » Maximum Monitoring Circuit Current   1mA

Connection Diagram:

Typical Connections for an IM-10 Module

Ordering Information:

Product Code	Description
IM-10	Addressable Module Multi Monitor (10 inputs)
BKPI663CH-4	CH-4, 4 Way Chassis for up to 4 Multi AA Modules