

Multi Monitor Multi Module

IM10 – 10 Input Monitor Module

General

The Honeywell IM10 ten-input monitor module is an interface between a control panel and normally open contact devices in intelligent alarm systems such as manual call points, break glass alarms, or flow switches.

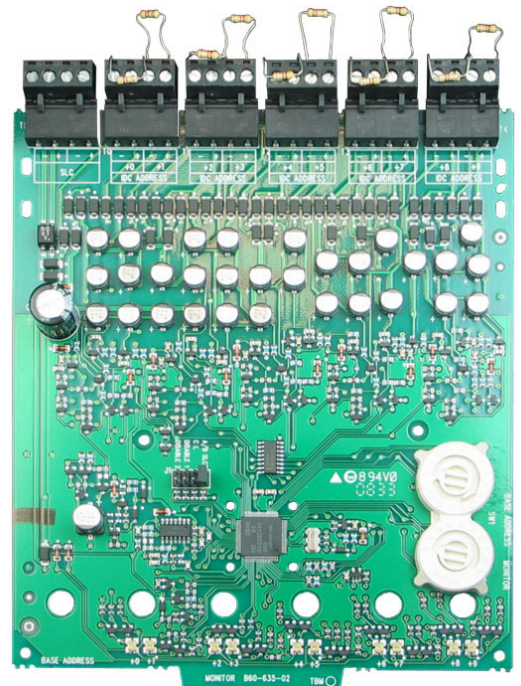
The first address on the IM10 is set from 01 to 99 and the remaining modules are automatically assigned to the next nine higher addresses. Provisions are included for disabling a maximum of two unused addresses.

The supervised state (normal, open, or short) of the monitored device is sent back to the panel. A common SLC input is used for all modules, and the initiating device loops share a common supervisory supply and ground - otherwise each monitor operates independently from the others.

Each IM10 module has panel-controlled green LED indicators. The panel can cause the LEDs to blink, latch on, or latch off.

To ensure proper operation, this module should only be connected to a Honeywell addressable analogue FIP.

All wiring must be installed to conform to the Manufacturers specification and all applicable codes and standards.



Features

- Ten addressable initiating device circuits.
- Removable 0.75mm² to 1.5mm² plug-in terminal blocks.
- Status indicators for each point.
- A maximum of 2 unused addresses may be disabled.
- Rotary address switches.
- Flexible mounting options.
- Mounting hardware included.

Approvals

CSIRO ActivFire listed for use with Honeywell BC200 Fire Indicator Panels

Specifications:

Standby current:	3.5 mA (SLC current draw with all addresses used; if some addresses are disabled, the standby current decreases).
Alarm current:	55 mA (assumes all ten LEDs solid ON).
Temperature range:	−10°C to +55°C.
Humidity:	10% to 93% noncondensing
Dimensions:	172.72 mm high x 147.32 mm wide x 31.75 mm deep.
Wire gauge:	0.75 mm ² to 1.5 mm ² .
Maximum SLC wiring resistance:	40 ohms.
Maximum IDC wiring resistance:	1500 ohms.
Maximum IDC voltage:	10.2 VDC.
Maximum IDC current:	240 µA.
EOL Resistor Value:	47K ohms.

This document is not intended for installation purposes.
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