

## DIMM - DUAL INPUT MONITOR MODULE



| SPECIFICATIONS              |                                  |
|-----------------------------|----------------------------------|
| Supply Voltage (S-SC)       | 25.3 ~ 39 VDC                    |
| Average Current Consumption | 600µA (Typical)<br>720µA (Alarm) |
| Programmable Inputs         | 2 Independent Monitoring Inputs  |
| EOL Device                  | 22K ohms Resistor                |
| Max. Quantity Per Loop      | 127                              |
| Dimensions                  | 4.2"W x 4.7"H x 1.4"D            |
| Operating Temperature       | 32°F (0°C) ~ 120°F (49°C)        |
| Mounting                    | 4" square electrical box         |
| Relative Humidity           | 90% RH Non-Condensing            |

### STANDARD FEATURES

- UL 864 9th Edition Listed
- Fast, reliable contact monitoring utilizing the Hochiki **DCP** (Digital Communications Protocol)
- 127 devices can be used per **DCP** loop
- Bi-colored indicating LED provides module status
- Dual input contact monitor
- Can be programmed to monitor Normally Open (NO) or Normally Closed (NC) contacts
- Operates on Class A or Class B SLC loop
- Accepts up to 14 AWG wire

### DESCRIPTION

The Hochiki Dual Input Monitor Module (DIMM) is designed for use on a UL listed Fire Alarm Control Panel. It provides two independent contact monitoring circuits while only utilizing one address on the SLC loop. Up to 127 devices can be placed on a single SLC loop. The device address is uniquely stored on an onboard EEPROM. The module can be programmed to monitor Normally Open (NO) or Normally Closed (NC) contact fire alarm and supervisory devices. The interrupt driven Digital Communication Protocol (DCP) combines maximum communication reliability and fast response to emergency conditions. The module has a single bi-colored LED to indicate device status. It fits into a standard 4" square or double gang electrical back box.



Specifications subject to change without notice.

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# ENGINEERING SPECIFICATIONS

The contractor shall furnish and install where indicated on the plans, Hochiki DCP-DIMM addressable contact monitoring modules. The modules shall be UL listed and compatible with the Hochiki Digital Communications Protocol (DCP) supporting control panel loops. The device address shall be electrically programmable and stored in EEPROM. The contact module must be suitable for mounting in a standard 4" square electrical box or double gang. The contact module must provide a bi-colored LED to indicate device status.



Back Side of a DCP-DIMM

# WIRING DIAGRAM

