

TECHNICAL DATA SHEET

for use by Architects & Engineers

Dual Input Monitor Module

Model No: LE-DCP-DIMM



Features

- UL 864 9th Edition Listed
- Fast, reliable contact monitoring utilizing the LIFECO 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 LIFECO Dual Input Monitor Module (LE-DCP-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.

Technical & Environmental Specification

Supply voltage	25.3 ~ 39 VDC
Average current consumption	600µA (typical); 720 µA (alarm)
Programmable inputs	2 independent monitoring inputs
EOL Device	22K ohms resistor
Maximum 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

The contractor shall furnish and install where indicated on the plans, LIFECO LE-DCP-DIMM addressable contact monitoring modules. The modules shall be UL listed and compatible with the LIFECO 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 of a LE-DCP-DIMM

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Wiring Details

