LOOP EXPANDERS

MEA (UL)   Model 714 and 715   CSFM   FM APPROVED

Description

The DMP 714 and 715 Loop Expander Modules allow you to expand the loop capacity of DMP command processor panels. Each expansion module provides four addressable protection loops for connecting a variety of fire or burglary devices. Individual loops on the expanders can be programmed with separate loop types.

714 Loop Expander

The 714 contains four Class B burglary loops and is suitable for use with normally open and normally closed burglary and fire devices. Individual loops are supervised with 1k ý EOL resistors and can be programmed with any burglary or fire loop type.

715 Loop Expander

The 715 contains four Class B powered loops and is suitable for use with 12 VDC, 2-wire devices such as smoke or glassbreak detectors and non powered fire or burglary devices. Individual loops on the 715 are supervised with a 3.3k ý EOL resistor and can be programmed with any burglary or fire loop type.

Wiring and Addressing

Loop expander modules connect to the 4-wire data and power bus of the panel. The 715 module can be connected to the switched auxiliary terminal of the panel to provide reset capability when used with latching type devices.
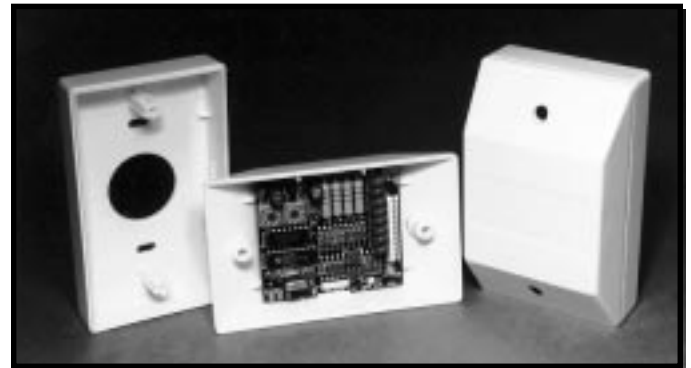
Each loop expander contains two easy to use BCD (Binary Coded Decimal) switches for use in assigning the module to one of the panel's available device addresses.

The 714 and 715 expansion loops are programmable for plain English annunciation at Security Command™ keypads connected to the panel. Each loop can also be individually programmed to report alarms, troubles, and restorals to remote DMP SCS-1 Security Receivers.

Loop expander modules are mounted in a decorative plastic housing suitable for installing outside the panel enclosure on walls or single gang boxes.

Optional Accessories

The standard wiring harness can be replaced with optional screw terminal or IDC style (no wire stripping needed) connectors. The enclosure base can also accommodate the 719T Terminal Block Module containing four 1k ý EOL resistors on a printed circuit board with two terminal blocks.

Listings and Approvals

- Underwriters Laboratories listed
- California State Fire Marshal approved
- Factory Mutual approved
- New York City MEA accepted

Features

- Powered from panel or auxiliary power supply
- Suitable for mounting near protection devices
- Four protection loops on each module
- Connects to 4-wire bus from panel
- Status LED indicates good communication with panel
- Individual loop programming
- Individual loop annunciation
- Durable plastic housing
- Comes with 12-conductor wire harness
- Optional 12 position screw terminal
- Optional 12 position IDC connector
- Individual loop expander addressing

Specifications

Operating Voltage	8.8 to 15.0 VDC
Operating Current	714: 15mA 715: 25mA + 30mA each loop in alarm
Enclosure Dimensions	4.5 x 2.75 x 1.75 inches
Module Weight	.25 lbs

Accessories

718C	IDC Plug-on Module
718T	Terminal Block Plug-on Module
719T	Terminal Block Module with EOL Resistors

Digital Monitoring Products