

## 50 Way Network I/O Card - obsolete

The 50 Way Network I/O Card provides a convenient and cost effective solution where multiple inputs and outputs are required. It is ideally suited for building control functions such as damper/fan control or sprinkler control where on/off/auto control and healthy/fault or open/closed status indication is required.

The inputs can be configured as a toggle (switch) or momentary (push-button) types. The outputs are fully programmable using the powerful dynamic cause and effects rules for output groups 1-50. In addition to the 50 I/O circuits, dedicated inputs and outputs are also provided. Status outputs include General Fire, Fault, Disablement and Test. A buzzer is also provided for audible annunciation of status changes. Inputs include buzzer mute, momentary input enable/reset and LED test.

The 50-Way Network I/O controller is a stand-alone unit with/without its own EN54-4 power supply and charger. Each input and output on the card are fully programmable using a PC. An additional 100 LED outputs can be provided using the 100-way driver card – output groups 101-200.

### Features

- Over 50 programmable volt free switch/push button type inputs, easily configured via our PC-NET-003 configuration software.
- Over 50 programmable LED driver outputs for energising and providing LED indication.
- Large colour graphical indication for site maps, building layouts or simply zonal indication.
- Remote location by simply adding the type of mimic interface onto the Ad-net/Ad-net+ Network.
- Supplementary graphical indication
- Zonal or fully programmable LED option
- Fully networkable
- 3-year warranty as standard

### Specification

|                            |                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------|
| AC Supply (Boxed Versions) | 220-240V AC (+10-15%) 50-60Hz 1.6A. Support for up to 2 x 12V 7Ah batteries       |
| DC Supply (PCB) @ 24V DC   | 18-28V DC 63mA (/FT 101mA) + 0.8mA per LED energised + 1.3mA per switch energised |
| Output Drive Circuit (56)  | 3.3V 4mA current limited (for direct LED connection)                              |
| Input Circuit (58)         | Volt free, dry-contact inputs                                                     |

## Order Codes and Options

|                |                                                |
|----------------|------------------------------------------------|
| MXP-045*/(FT): | 50-Way Network I/O Controller (unboxed)        |
| MXS-031-2T:    | 2 Position trapped key switch for Mxp-045      |
| MXS-031-2U:    | 2 Position un-trapped key switch for Mxp-045   |
| MXS-031-3U:    | 3 Position un-trapped key switch for Mxp-045   |
| MXS-026(F):    | High-Intensity LED (Red/Green/Yellow - Fitted) |
| MXP-052(DIN):  | Mimic driven 10-way relay card                 |
| /FT:           | Denotes fault tolerant version                 |

## Compatibility

The 50 Way Network I/O Card is compatible with all MxPro 5 control panels from software revision 019-04 using the Ad-Net peer-to-peer network. 50 Way Network I/O Card is programmable using the Pc-Net-03 Mx configuration tool from revision 4.19 onwards.

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