

3 I/O PLUS

Addressable Triple Input/Output Module

The 3 I/O PLUS Modules are fully monitored loop powered devices which permit the interfacing of third party equipment with the Fire Alarm Control panel using normally open dry contact connections. Each module can be fitted with a maximum of 3 inputs and 3 outputs. The connection to each input is monitored for fault (open or short-circuit) and Alarm conditions.

The interface is used to monitor the contacts of an external system which must be interfaced to the Fire Alarm System, for example a Flow Switch in a sprinkler system to indicate if the sprinklers have been activated or extinguishant level monitoring in Gas Extinguishing Systems, etc.

Module is provided with a loop short-circuit isolator and with up to 3 voltage free single pole change over relay outputs. The output relays are always powered directly from the detection loop. It is not required to use an external 24 V DC power supply. Relay operation is confirmed by an onboard red LED. A 8 way D.I.L. switch is provided to configure the module's address. This value can be set in the range 1 to 125.

The following programmable functions are available: Input Activation Mode, Delayed Input Alarm Activation, Output Delayed Activation.

Key Features

- Fast Activation Response
- Loop Powered
- Status LEDs for each I/O and O/P
- Low Power Consumption
- Module features an integral short-circuit loop isolator

TECHNICAL SPECIFICATIONS		
SUPPLY VOLTAGE		Loop Powered - 17 V to 30 V DC
LOOP CURRENT - QUIESCENT (I_Q)		1.4 mA (1 ch.) - 1.5 mA (2 ch.) - 1.6 mA (3 ch.)
LOOP CURRENT - ALARM		IQ+ 1.2 mA for each I/P in alarm
LOOP CURRENT - SHORT-CIRCUIT		IQ+ 1.4 mA max.
LOOP CURRENT - OPEN CIRCUIT		IQ+ 1.0 mA max.
LOOP CURRENT - OUTPUT		IQ+ 1.1 mA for each O/P activated
OUTPUT RELAY CONTACT RATING		2 A 30 V DC / 0.5 A 125 V AC
MAX. CABLE SIZE		2.5 mm²
CASE MATERIAL		ABS
OPERATING TEMPERATURE		-10ºC to 50ºC
MAX. HUMIDITY		95% RH Non-Condensing
DIMENSIONS		90 (L) x 150 (W) x 32 (H) mm
WEIGHT		216 g - boxed
ORDER CODE		
3 I/O PLUS - 1 CHANNEL	1328-CPR-0542	ADDRESSABLE TRIPLE I/O MODULE - W/ ISOLATOR - W/ DUAL GANG BOX
3 I/O PLUS - 2 CHANNEL	1328-CPR-0543	ADDRESSABLE DOUBLE I/O MODULE - W/ ISOLATOR - W/ DUAL GANG BOX
3 I/O PLUS - 3 CHANNEL	1328-CPR-0544	ADDRESSABLE SINGLE I/O MODULE - W/ ISOLATOR - W/ DUAL GANG BOX