



IO-ISO

Addressable Input/Output Module

The Addressable Input/Output Module is a fully monitored device which permits the interfacing of third party equipment with the Fire Alarm Control panel using normally open dry contact connections while also providing a changeover output relay to control ancillary equipment. The Green LED will pulse every time the unit is polled by the panel. The Yellow LED will be ON whenever there is a fault condition in the module and finally the Red LED will be ON when there is an alarm condition at the module's input.

The connection to the input is monitored for Fault (open or short circuit) and Alarm conditions. The output relay can be powered from the detection loop. Relay operation is confirmed by an onboard Yellow LED. 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.

The output relay can be programmed to close fire doors, activate smoke removal systems etc. The factory default setting is for the relay to receive its operating power from the loop.

TECHNICAL SPECIFICATIONS	
SUPPLY VOLTAGE	Loop Powered - 17 V to 30 V DC
LOOP CURRENT - QUIESCENT	I/P. OK 0.46 mA - FLT OC 0.33 mA - FLT SC 0.79 mA
LOOP CURRENT - ALARM LED ILLUMINATED	2.0 mA +9.8 mA with Relay Active
MAX. CABLE SIZE	2.5 mm ²
PROTECTION	IP43
OPERATING TEMPERATURE	-10°C to 50°C
MAX. HUMIDITY	95% RH Non-Condensing
ENCLOSURE / MATERIAL	White or Red / ABS
DIMENSIONS	100 (D) x 48 (H) mm
WEIGHT - MODULE	29 g
WEIGHT - BOXED	134 g
ORDER CODE	
IO-ISO	ADDRESSABLE INPUT/OUTPUT MODULE