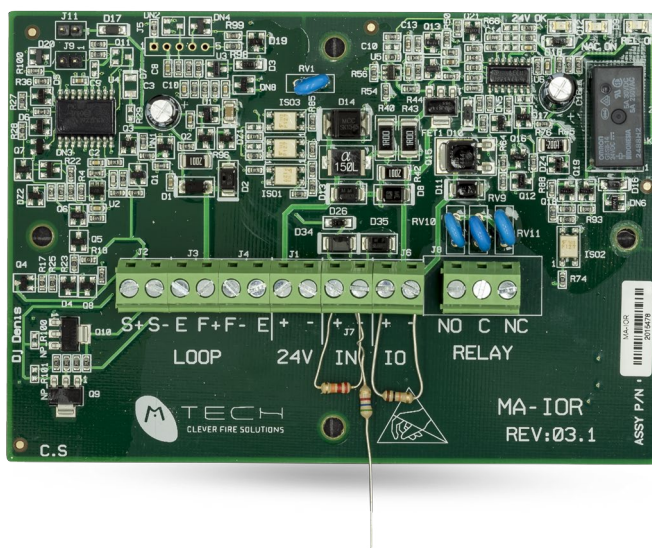


MA-IOR | Addressable Interfaces

An intelligent, addressable single input and dual output unit which connects and monitors independent non-addressable devices, and activates low-voltage circuits directly from the addressable fire control panel.

It's an all-in-one solution that is suitable for monitoring flow switches, non-fire inputs, and auxiliary panels, and switching of HVAC control circuits, plant shutdown, and fire door closure.

MA-IOR offers an extensive range of interfaces and addresses most design requirements.



System Functionality:

- Provides one input and two outputs: one for programmable NAC one for programmable relay. Input and NAC output are monitored for open short-circuits and earth contact faults
- Panel identifies equipment connected to the loop by name and address thanks to an auto-learning process
- Non-latching changeover relay contacts
- External power supply connection with monitored fault
- Soft addressed
- Single address with up to 100 units per loop
- Built-in short circuit isolators
- Trigger types: Alarm, Fault, Supervisory, Fan. Trigger source can be set to global, panel, loop, zone or by address. Logic available in both AND and OR functions
- Monitoring for 24V AUX and LED indicators for 24V AUX, NAC ON state, Relay ON state
- Complies with the requirements of NFPA Standard 72, and Standard 92, and listed by Underwriters Laboratories under their UL864 10th Edition and in the UUKL for Smoke Control category

Features & Benefits:

- Quick and simple to install
- Compact, and easy to incorporate with other equipment
- Plug-and-play with no hard addressing required
- Expands using existing wiring
- Cost-effective installation with NAC, Relay, and Input using a single address
- Programmable with MTECH's Site Installer software

Technical Specifications:

Code	MA-IOR
Description	Addressable Single Input /Dual Output Unit, UUKL.S36158
Smoke Control	Dedicated or nondedicated system, UUKL.S36158
Standards	UL864 10th edition, SII 1220 and TR TC EAC 043-2017

Specification

Operating Voltage	15VDC to 30VDC
Quiescent Current	1mA
Alarm Current	2mA
Number of Input Circuits	1
Input EOL	22kΩ 10%
Input Alarm Resistor	5,6kΩ 10%
Relay Power Rating	5A 30VDC 250V AC
Aux Power Supply	24v 2A DC
Load Per Output	500mA
Nac Eol	10kΩ 10%
Quiescent Load Current from Aux	25mA
Alarm Current from Aux	75mA

Environmental

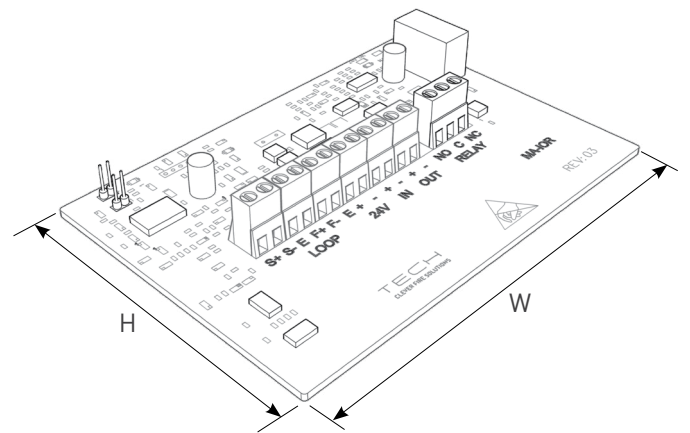
Environmental Operating Temperature	0°C to - 49°C
Humidity (Non-Condensing)	0 to 93% RH

Physical

Weight	0.2 kg
Ingress Protection	IP00

Compatibility

Suitable for Use With	MTech Analog Addressable Fire System
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Dimensions:

W. 130 mm | H. 90 mm | D. 20 mm



Order Code:

MA-IOR