

ADDRESSABLE LOOP I/O MODULE

DESCRIPTION

The Addressable Loop Input/Output Module (803 0006) when programmed as an output provides three sets of Form “C” dry relay contacts that switch together (two contacts rated to switch 230V AC @ 3A and one contact rated for switching 30V DC @ 0.5A) and can be used to control external appliances such as dampers, fans, door holders, etc. If the device is programmed as an input module, provision is made for one monitored input connection (utilizing a 3k3Ω End Of Line (EOL) with a 680Ω firing resistor) and can be used to monitor external appliances such as flow switches, aspirating systems, video image fire detection systems, etc. The module is designed with a single colour red LED to indicate the output status; continuous RED indicates that the output has been activated. There is no LED indication provided when the device is used as an input. Short circuit isolators are also built into the device in order to protect the system in the event of a cable fault.



This module is compatible with Fike’s SITA200plus, Duonet and Quadnet intelligent control panels. Its operating parameters are configured using the panel’s programming software and are stored within the Flash memory in the device. This on-board intelligence allows each device to report and respond directly to the control panel without having to wait until it is polled. This enhanced digital protocol means less information is needed to be sent between the device and the host control panel, resulting in faster, more reliable communication.

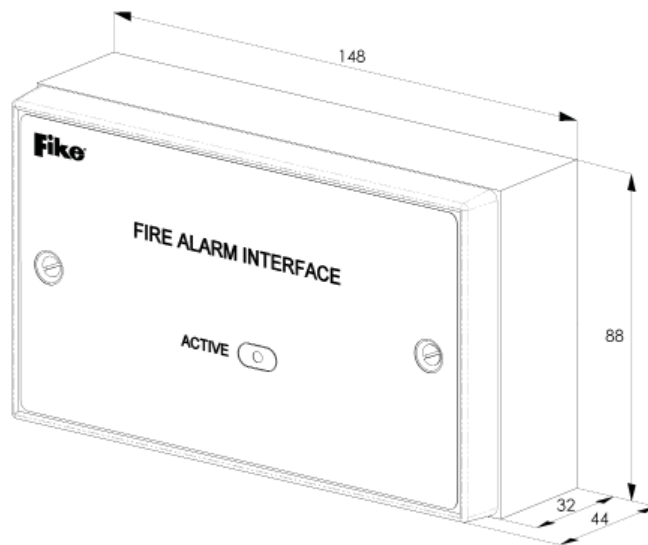
SPECIFICATIONS

Dimensions:	Overall: 148mm x 88mm x 44mm Back box: 148mm x 88mm x 32mm
Operating Temperature:	-10°C to +50°C
Voltage Range:	24V to 42V DC
LED Indication:	Output Activated: LED on
Contact Rating:	Relay 1: Max load 230V AC 3A (DPCO) Relay 3: Max load 30V DC 0.5A (SPCO)
Fuses:	Fuse 1 + 2: 3.15A Antisurge 20mm Ceramic (eg. Bussman S505-3.15A)
System Compatibility:	SITA200plus: V2.30 onwards Duonet and Quadnet: V1 onwards
Loop Current @ 24V DC:	Quiescent: 0.46mA Active: 21.06mA
Device Loading Unit Rating:	10.5

ORDERING INFORMATION

Fike P/N	Description
803 0006	Loop I/O Module

Form No. FST.2.12.01



(All measurements shown are in millimeters)

TERMINAL DEFINITIONS

LOOP +VE IN	(+) Loop In	LOW VOLTAGE COM	Common #3 (30V DC @ 0.5A Max)
LOOP 0V IN	(-) Loop In	LOW VOLTAGE NC	Normally Closed #3 (30V DC @ 0.5A Max)
LOOP SCRIN	Loop Screen In	LOW VOLTAGE NO	Normally Open #3 (30V DC @ 0.5A Max)
LOOP SCRIN	Loop Screen Out	COM2	Common #2 (230V AC @ 3A Max)
LOOP 0V OUT	(-) Loop Out	NO2	Normally Open #2 (230V AC @ 3A Max)
LOOP +VE OUT	(+) Loop Out	NC2	Normally Closed #2 (230V AC @ 3A Max)
AL +	(+) Input Connection	EARTH	Earth #2 (Earth connection to ancillary)
AL -	(-) Input Connection	COM1	Common #1 (230V AC @ 3A Max)
LED +	(+) Remote LED	NO1	Normally Open #1 (230V AC @ 3A Max)
LED -	(-) Remote LED	NC1	Normally Closed #1 (230V AC @ 3A Max)
		EARTH	Earth #1 (Earth connection to ancillary)

