



Key Features

- Four configurable input or output channels ✔
- 16 A 230 V AC or 5 A 30 V DC relay rating per channel ✔
- Loop powered for simple installation ✔
- EN54-17 and EN54-18 compliant ✔
- Supplied with durable mounting box for secure fitting ✔

Overview

The SenTRI 4-Way Mains Rated Input/Output Module with Mounting Box is an addressable interface designed for use with SenTRI fire alarm systems. It provides four programmable channels, each configurable as an input, output or combined input/output for flexible system control.

Each relay is rated at 16 A 230 V AC or 5 A 30 V DC, allowing safe switching of mains-powered equipment such as fans, door releases or fire suppression interfaces. The unit is loop-powered and housed in a robust, flame-retardant ABS enclosure supplied with a mounting box for secure installation.

The module complies with EN54-17 and EN54-18 standards and is ideal for linking fire panels to external plant, HVAC systems or alarms that require reliable, high-capacity interfacing.

Tech Specs

Operating Voltage	35V - 48V
Modes Of Operation	Input Output Input and Output Input with Confirmation Output Output with Confirmation Input
Input(S)	Input Can Be Normally Open or Normally Closed Switch
Output(S) Relay Contact Rating	Single Pole Change Over Contacts Rated 16A 230V AC / 5A 30V DC - Resistive Load
Load Factor	5 (Maximum 200 Devices Per Loop)
Ingress Protection	IP30 (Estimated)

Tech Specs

Relative Humidity (Non Condensing)	Up to 95% Temperature +5°C to +40°C
Ambient Operating Temperature	-5°C to +40°C
Storage Temperature	-20°C to +70°C
Weight	1.1Kg (approximate)
Overall Dimensions (W X D X H)	245 x 77 x 227mm
Panel Compatibility	Compatible with Loop = V4.35 and Main Control Card = V4.37
Standards	EN54-17 and EN54-18
Approvals	LPCB Approved

Ordering Information

Part Number	Description
SEN-INT-4IOAC	SenTRI 4-way Mains Rated Input Output Module with Mounting Box