



MOD-IO8

8-channel I/O module



The MOD-IO8 is an 8 channel I/O module that fits into any modular controller.

- 8 channels of I/O programmable to be either digital input, analog voltage or resistance input read or LED output

Overview

The IO8 module features 8 user configurable I/O ports, and comes with spring terminals for quick and easy, yet secure connections to external inputs/sensors/outputs. Plug it into a modular controller to add I/O ports to your system.

Notifications

The IO8 can be setup to send notifications based on a configurable minimum change level per port. Notifications can be sent as a broadcast to all CFLink devices, to specific CFLink IDs or both.

Dry Contact Input

When a port is configured as a dry contact input, it will give a reading on it's open/closed state. Used for button inputs, sensor triggers, etc.

Resistance Reading Input

When a port is configured as a resistance reading input, it can measure input ranging from 0 Ohm to 10,000 Ohm, in 100 Ohm increments. Used for light sensors, temperature sensors, etc.

Voltage Reading Input

When a port is configured as a voltage reading input, it can measure input ranging from 0V DC to 10V DC, in 0.1 Volt increments. Used for battery level sensors, video signal sensors, etc.

LED Output

When a port is configured as an LED output, it can be set to on or off state, 3.3V DC 1mA max.

CONNECTIVITY

Module Connector 24-pin connector to connect to modular controller unit

I/O 1-8 4 x detachable 4-pin 3.50mm terminal block consisting of 8 channels of input/output ports.
Wire range: 24-16AWG

TOP PANEL

Clip Secures and releases the module from the modular controller unit

Label Model and serial number information.

POWER

Power Consumption Power usage 500mW maximum, powered by modular controller DIN-MOD4 or MOD4 (not included)

PHYSICAL

Enclosure Polycarbonate with dark grey matte finish

Height 32.8mm (1.29in)

Width 40mm (1.57in)

Depth 68mm (2.68in)

Weight 0.05kg (0.11lbs), Shipping 0.2kg (0.44lbs)

ENVIRONMENTAL & REGULATORY

Temperature 5°C to 45°C (41°F to 113°F)

Humidity 20% to 85% RH, non-condensing

Certification FCC, CE, C-Tick

WARRANTY

Warranty 5 years limited warranty