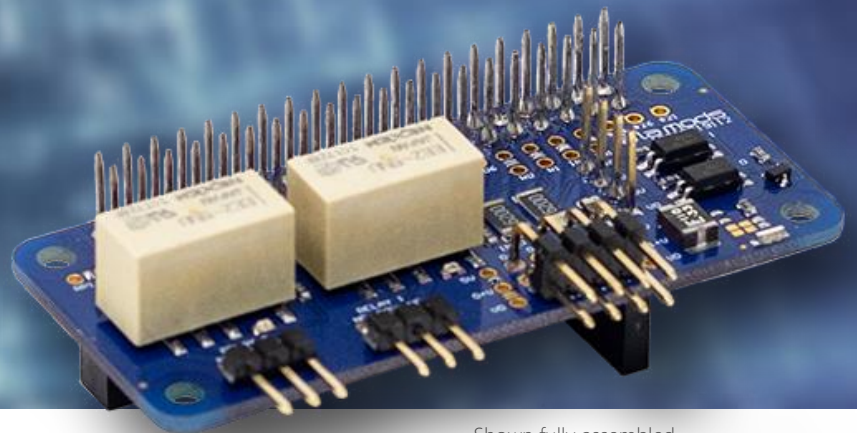


ISOLATED I/O



Shown fully assembled

A stackable Isolated I/O module for more rugged applications. This module provides a set of isolated inputs and outputs for more demanding electrical environments.

- 2 relay contact outputs
- 2 opto-isolated 9 – 24V inputs
- Dual Fused output voltage power supply 5V and VO
- Compatible with the à la mods Stackable Power bus
- GPIO port interface options for control
- Standard Raspberry PI® Zero 40 pin header pinout and form factor
- Indicator LED connected to pin 22 GPIO25

SPECIFICATIONS

| | |
|-------------------------|---|
| Power | 3.3V @ 60 (mA _{max}) 5.0V fused output load at 2 (A) Vo fused output load at 1 (A) |
| Outputs | 2 @ 36Vdc 2 (A _{max}) 100 (Hz _{max}) switching frequency Silver alloy w/ gold allow overlay contacts |
| Inputs | 2 Opto-isolated Vin _H – 9 Vdc _{min} Vin _H – 24 Vdc _{max} Vin _L – 1 Vdc _{max} |
| Configuration Jumpers | 3V3 module system power 5V0 or V0 output 0 & 1 System LED color (R, G & B) |
| Communication Interface | GPIO (Raspberry Pi® header pins 22, 33, 36, 37 & 38) |
| LED Indicators | Relay 0 & Relay 1 coil active state Input 0 & Input 1 active state System (controlled by GPIO header pin 22) |
| Operating Temp | 0 °C to +60 °C Ambient |
| L x W | 2.56 x 1.18 in. (65.0 x 30.0 mm) |
| Height (above pcb) | 0.38 in. (9.6 mm) |
| Mounting | Tall connector (use 17 mm standoffs) |

ORDERING DETAILS

ISOIO19112

Isolated I/O w/ dual relay outputs and dual Opto-isolated inputs