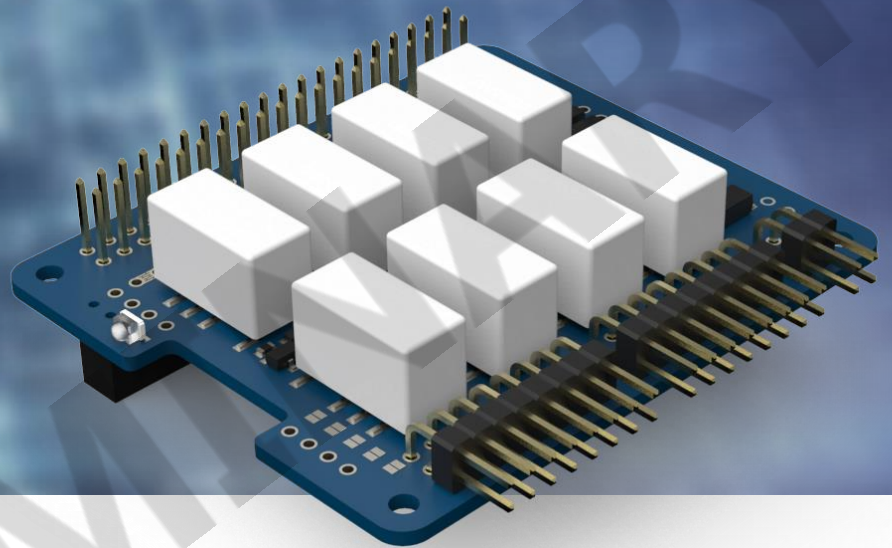


ISOLATED I/O



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.

- 8 relay contact outputs
- 8 opto-isolated 0 – 36V inputs
- Dual Fused output voltage power supply 5V and VO
- Compatible with the Made Systems Stackable Power bus
- SPI/I²C/Serial port interface options for control
- Interface addressable for multi-module stacking
- Standard Raspberry PI® 40 pin header pinout and extended hat form factor
- Indicator LED connected to pin 22 GPIO25

SPECIFICATIONS

Input Power	3.3V @ 40 (mA _{max}) 5.0V @ 320 (mA _{max}) + fused output load
Outputs	4 @ 36Vdc 2 (A _{max}) 4 @ 36Vdc 1 (A _{max}) 100 (Hz _{max}) switching frequency Silver alloy w/ gold allow overlay contacts Normally Open contact
Inputs	8 Opto-isolated Vin _H – 5 Vdc _{min} Vin _H – 36 Vdc _{max} Vin _L – 1 Vdc _{max}
Communication Interface	SPI bus (Raspberry Pi® header pins 19, 21, 23, 24/26 & I ² C bus (Raspberry Pi® header pins 3 & 5) Serial bus (Raspberry Pi® header pins 8 & 10)
Operating Temp	0 °C to +50 °C Ambient
Width	56.0 (2.20 in)
Length	85.0 (3.35 in)
Height	12.7 (0.05 in)
Mounting	Tall connector (16 mm standoffs)