

HID[®] Mercury[™] M5-16DO Controller

FEATURES

- 16 programmable digital outputs (solid state switches)
- Plug for plug compatibility to Casi 16DO
- AES 128 bit data encryption

BENEFITS

- Built-in capacity to control, respond to external device commands
- Initiate commands by operator, by time schedules, or by events
- Built on the HID Mercury platform

The HID Mercury M5-16DO Controller is a multi-device interface panel for the replacement of the Casi 16DO output control device.

As with the entire HID Mercury M5 Bridge family of controllers, the M5-16DO is built with a matching form factor to the Casi Micro5 line of access control hardware, allowing a fast “screwdriverless” changeover and easy migration of a Casi client infrastructure to any HID Mercury software partner.

Built to provide the ability to control high concentrations of outputs, this panel offers support for 16 digital outputs (solid state switches) capable of being individually

configured for timed periods. Relay operation may be initiated by direct operator commands, by time schedules, or by event-based procedures. The relays support “On”, “Off”, “Pulse”, and “Repeating Pulse” commands. A pulse may range from 0.1 second to over 18 hours.

Application Notes

The M5-16DO is an integral component in the HID Mercury M5 Bridge family approach to migrate any Micro5 hardware legacy to the flexible, feature-rich HID Mercury access hardware.

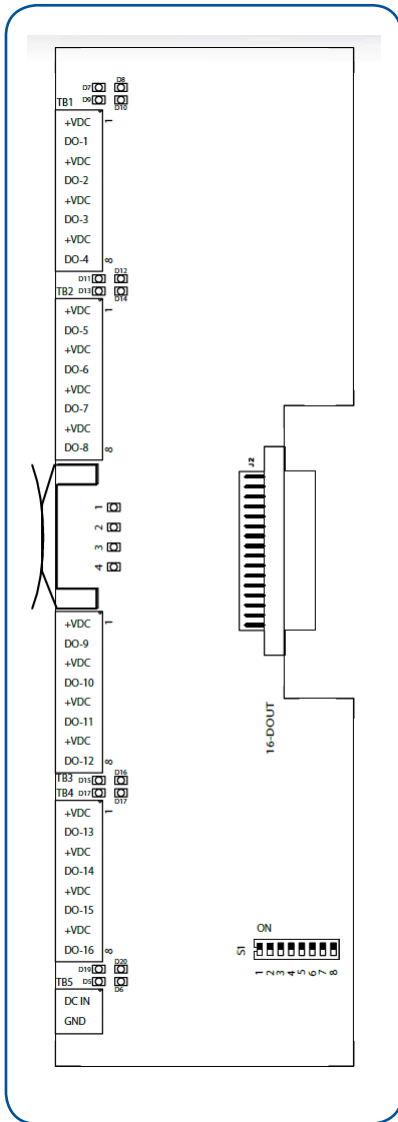


The M5-16DO is for use in low voltage, class 2 circuits only.

SPECIFICATIONS

HID Mercury M5-16DO Controller

Primary Power (from M5-IC)	12VDC +/-10%, 30 mA maximum
Digital Outputs Power	.4A@24VDC, maximum per output
Communication	9600, 19200, 38400, or 115200 bps, asynchronous
Output Cable requirements	As required for the load
MECHANICAL	
Dimensions	3.5 in (88.9 mm) W x 10.25 in (260.35 mm) L x 0.69 in (17.5 mm) H
Weight (w/o connectors)	3.7 oz. (105 g) nominal
ENVIRONMENTAL	
Temperature	Storage: -55° to +85° C Operating: 0° to +50° C
Humidity	5 to 95% RHNC
Product Compliance	UL 294 Recognized, FCC Part 15 Class A, CE Compliant, RoHS 2011/65/EU & 2015/863, EU REACH (1907/2006), California Proposition 65



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2019-10-15-hid-mercury-m5-16do-ds-en PLT-04686

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