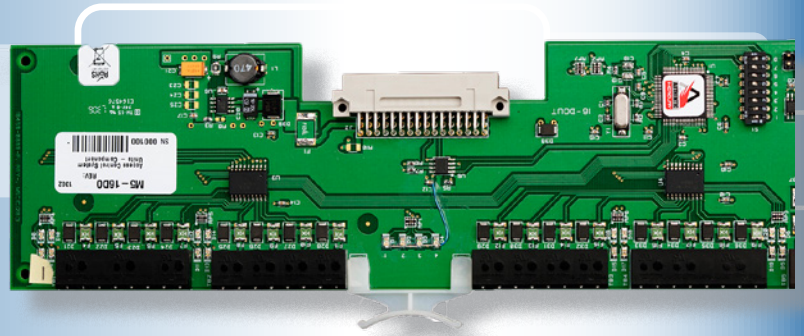


HID® Mercury™ M5-20IN Controller



FEATURES

- 20 programmable inputs
- Plug for plug compatibility to Casi 20DI
- AES 128 bit data encryption
- Universal I/O device characterization
- Configurable output parameters

BENEFITS

- Built-in capacity to control, respond to external device commands
- Easily integrates lighting, heating/cooling, door or elevator control sensors
- Initiate commands by operator, by time schedules, or by events
- Built on the HID Mercury platform

The HID Mercury M5-20IN Controller is a multi-device interface panel for the replacement of the Casi 20DI output control device.

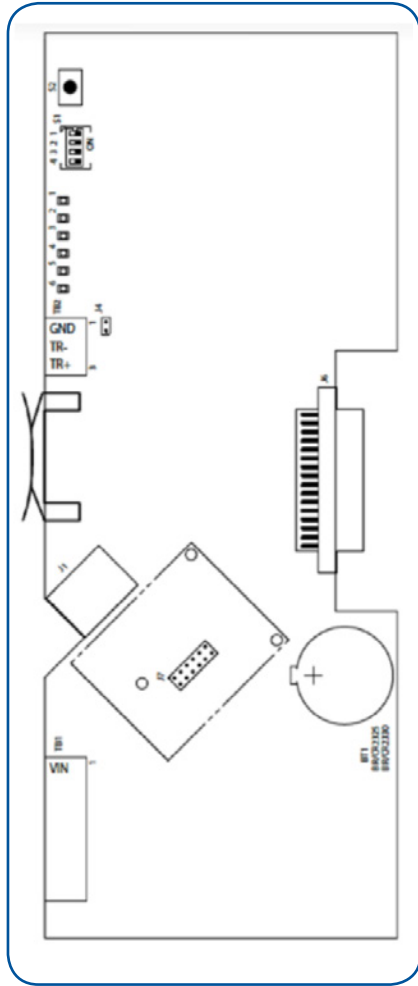
As with the entire HID Mercury M5 Bridge family of controllers, the M5-20IN is built with a matching form factor to the Casi Micro5 line of access control hardware, allowing a fast “screwdriverless” changeover and easy migration of a Casi client infrastructure to any HID Mercury software partner.

Built to provide the ability to monitor high concentrations of inputs, this panel offers support for 20 general purpose input circuits capable of being individually set for

normally-open or normally-closed operations and can be declared supervised and non-supervised. Individually configurable parameters can be set for sensitivity ranges, timing parameters and end-of-line resistance values. The M5-20IN provides the capacity to link, control and respond to an array of sensors.

Application Notes

The M5-20IN 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 M5-20IN is for use in low voltage, class 2 circuits only.

SPECIFICATIONS

HID Mercury M5-20IN Controller

Primary Power	12VDC +/-10%, 165 mA maximum
Inputs	20 unsupervised/supervised, standard EOL: 1K/1K ohm, 1%, 1/4 watt
Communication	9600, 19200, 38400, or 115200 bps, asynchronous
Cable Requirements	Alarm inputs: 1 twisted pair, 30 ohms maximum
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)	4 oz. (113 gm) 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-m5-20in-ds-en PLT-04688

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