

## HID® Mercury™ M5-2SRP Controller

### FEATURES

- 2 reader ports
- 6 programmable outputs (5VDC)
- 4 configurable inputs with multiple reader protocol support
- Plug for plug compatibility to Casi 2SRP
- AES 128 bit data encryption with configurable input 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 M5-2SRP Controller is a multi-device interface panel for the replacement of the Casi 2SRP reader control device. As with the entire HID Mercury M5 Bridge family of controllers, the M5-2SRP 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 access for two openings, this panel offers support for two readers capable of being individually configured for Wiegand, Magstripe, F2F or Supervised F2F card reader

protocols. Additionally, the M5-2SRP has the capability to monitor the door position, manage the door locking hardware and request to exit devices, with an auxiliary output available for each reader. Each legacy enclosure will support up to six M5-2SRP's.

### Application Notes

The M5-2SRP is an integral component in the M5 Bridge family approach to migrate any Micro5 hardware legacy to the flexible, feature-rich HID Mercury access hardware.

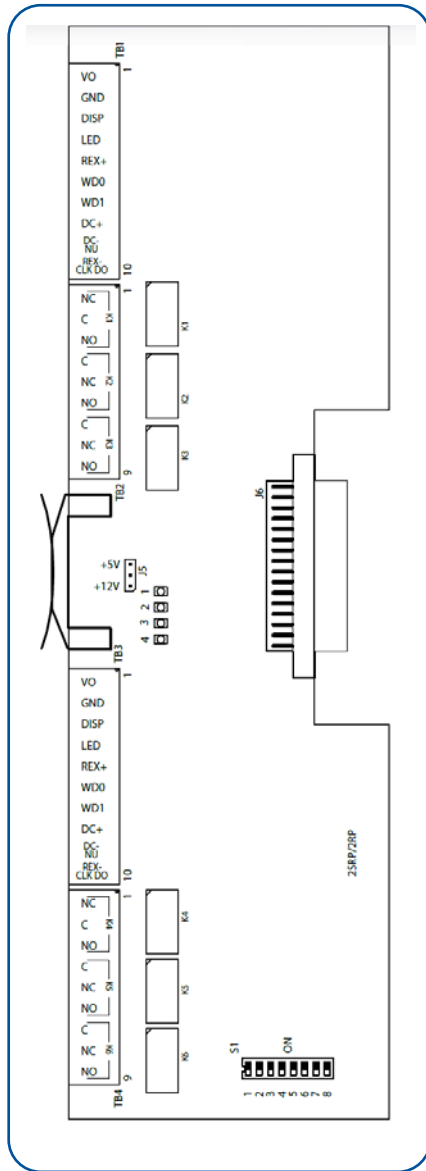


The M5-2SRP is for use in low voltage, Class 2 Circuits only.

## SPECIFICATIONS

### HID Mercury M5-2SRP Controller

<b>Primary Power (from MS-IC)</b>	12VDC +/-10%, 155 mA maximum (plus reader current)
<b>Relay Outputs</b>	6 outputs, Form-C, 2 A @ 30 VAC/DC, resistive
<b>Inputs</b>	4 general purpose, two per reader port
<b>READER INTERFACE</b>	
<b>Power</b>	5VDC or 12VDC regulated (jumper selectable), 300 mA maximum each reader port
<b>Reader LED Output</b>	Open collector, 40 mA sink maximum External relay
<b>Reader Data Inputs</b>	TTL compatible inputs Communication: 9600, 19200, 38400, or 115200 bps, asynchronous
<b>CABLE REQUIREMENTS</b>	
<b>Alarm Inputs</b>	1 twisted pair per input, 30 ohms maximum loop resistance
<b>Outputs</b>	As required for the load
<b>Reader Data</b>	Clock/Data or Wiegand: 18 AWG, 500 feet (152 m) maximum Supervised F/2F: 20 AWG, 500 feet (152 m) maximum
<b>MECHANICAL</b>	
<b>Dimension</b>	W 3.5 in (88.9 mm) x L 10.25 in (260.35 mm) x H 0.69 in (17.5 mm)
<b>Weight (w/o connectors)</b>	4.5 oz. (126 g) nominal
<b>ENVIRONMENT</b>	
<b>Temperature</b>	Storage: -55°C to +85°C Operating: 0°C to +50°C
<b>Humidity</b>	5 to 95 % RHNC
<b>Product Compliance</b>	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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