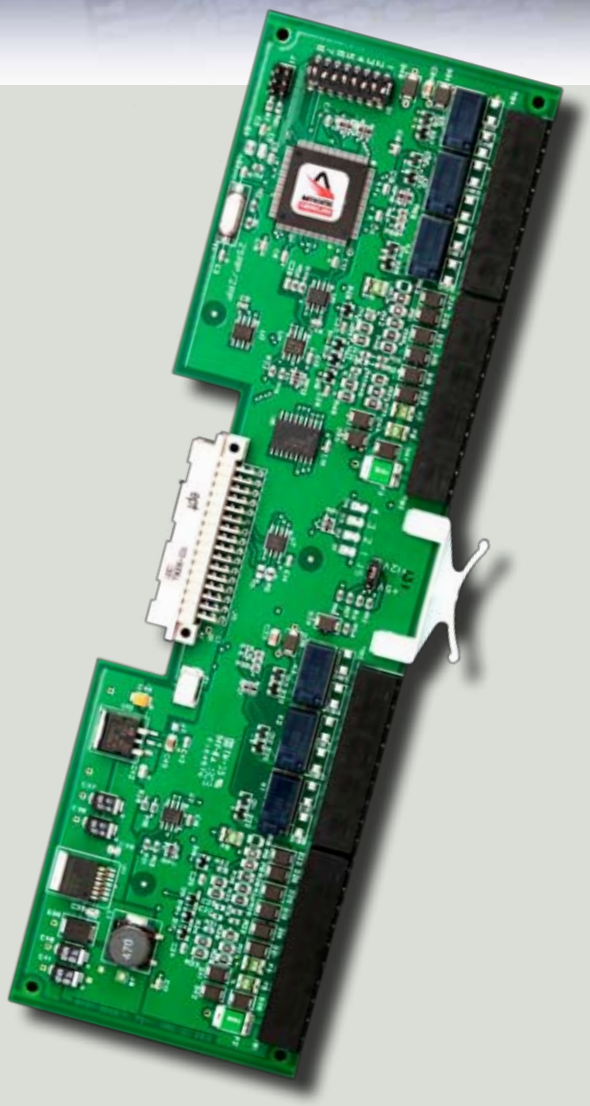
MERCURY SECURITY

M5-BRIDGE

# M5-2SRP



**M5-2SRP** is a multi-device interface panel for the replacement of the Casi 2SRP reader control device. As with the entire 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" change over and easy migration of a Casi client infrastructure to any Authentic Mercury software partner.

Built to provide the ability to control access for two openings, this panel offers support for 2 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 (6) M5-2SRP's.

## Application Notes

The M5-2SRP is an integral component in the Mercury M5 Bridge family approach to migrate any Micro5 hardware legacy to the flexible, feature rich Mercury access hardware. This ensures the customer an Open future based on Authentic Mercury controllers.

## 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 Open Authentic Mercury platform

## Features

- 2 Reader ports
- 6 Programmable Outputs (5Vdc)
- 4 Configurable Inputs
- Multiple reader protocol support
- Plug for plug compatibility to Casi 2SRP
- AES 128 bit data encryption
- Configurable input parameters

*Reliable. Proven. Innovative Access Control.*

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TECHNICAL SPECIFICATIONS

# M5-2SRP

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

**Primary power (from M5-IC):**
12 Vdc +/-10%, 155 mA maximum (plus reader current)

**Relay outputs:**
6 outputs, Form-C, 2 A @ 30 VAC/DC, resistive

**Inputs:**
4 general purpose, two per reader port

**Reader interface:**
Reader power:
5 Vdc or 12 Vdc regulated (jumper selectable), 300 mA maximum each reader port

**Reader LED output:**
Open collector, 40 mA sink maximum

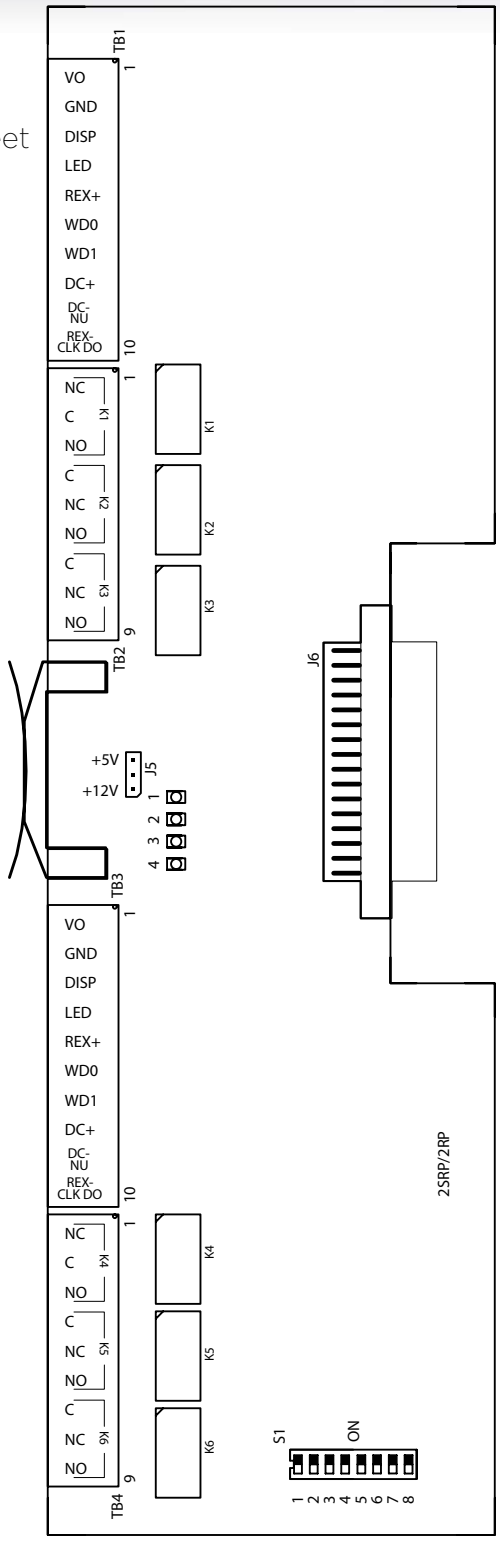
**External relay**
**Reader data inputs:**
TTL compatible inputs
Communication: 9600, 19200, 38400, or 115200 bps, asynchronous

**Cable requirements:**
Alarm inputs:
1 twisted pair per input, 30 ohms maximum loop resistance
Outputs: As required for the load

**Reader data:**
Clock/Data or Wiegand: 18 AWG, 500 feet (152 m) maximum
Supervised F/2F: 20 AWG, 500 feet (152 m) Maximum

**Mechanical:**
Dimension:
W 3.5 in (88.9 mm)
L 10.25 in (260.35 mm)
H 0.69 in (17.5 mm)
Weight (w/o connectors):
4.5 oz. (126 g) nominal

**Environment:**
Temperature:
Storage -55 °C to +85 °C
Operating 0 °C to +70 °C
Humidity: 5 to 95 % RHNC





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