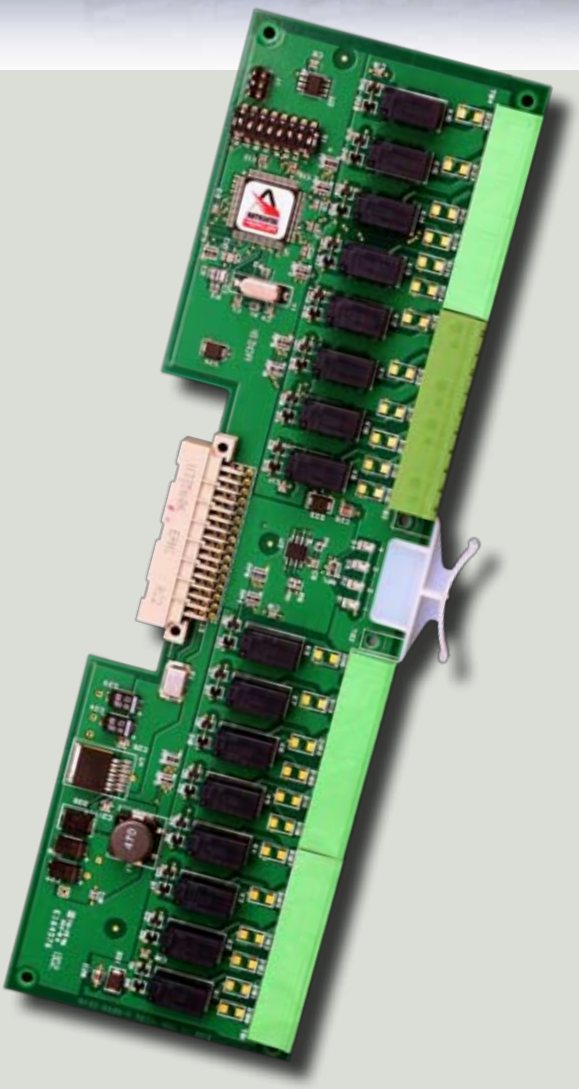
MERCURY SECURITY

M5-BRIDGE

M5-16DOR



M5-16DOR is a multi-device interface panel for the replacement of the Casi 16DOR input control device. As with the entire Mercury M5 Bridge family of controllers, the M5-16DOR 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 high concentrations of outputs, this panel offers support for 16 general purpose Form C relay contacts capable of being individually configured for timed periods and for fail-safe vs. fail secure modes. 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 .1 second to over 18 hours.

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

- 16 programmable Form C relays
- Plug for plug compatibility to Casi 16DOR
- AES 128 bit data encryption
- Universal I/O device Characterization
- Configurable output parameters

Application Notes

The M5-16DOR 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.

Reliable. Proven. Innovative Access Control.

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TECHNICAL SPECIFICATIONS

M5-16DOR

The M5-16DOR is for use in low voltage, Class 2 Circuits only.

Primary power:
12 Vdc +/-10%, 300 mA maximum

Relay contacts:
8 Form-C, 2 A @ 30 VAC/DC, resistive
8 Form-A, 2 A @ 30 VAC/DC, resistive

Communication:
9600, 19200, 38400, or 115200 bps, asynchronous

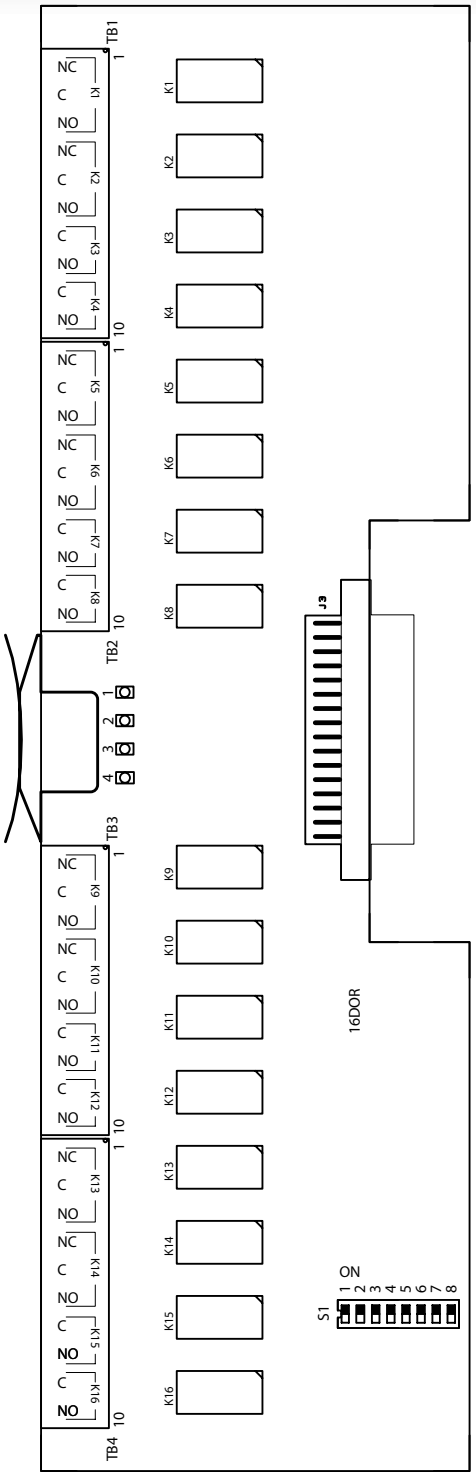
Cable requirements:
Outputs: As required for the load

Mechanical:
Dimension:
W 3.5 in. (88.9 mm)
L 10.25 in. (260.35 mm)
H 0.5 in. (17.5 mm)

Weight:
5 oz. (144 gm) nominal

Environmental:
Temperature:
-55 °C to +85 °C storage
0 °C to +70 °C operating

Humidity:
5 % to 95 % RHNC



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