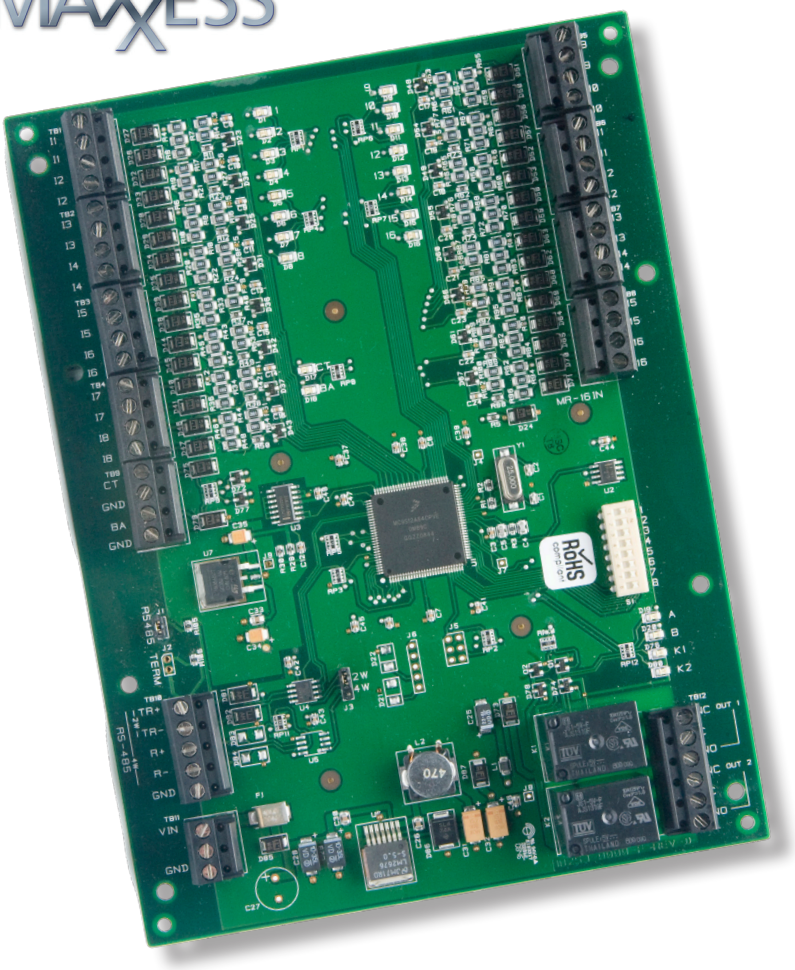
MAXXESS

Input Controller eMAX-MR16in



The MAXXESS eMAX-MR16in is a multi-device interface panel providing the ability to monitor high concentrations of inputs together with a low requirement for output control.

The eMAX-MR16in is capable of supporting 16 general purpose input circuits which can be 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.

Two programmable relay outputs can be configured for fail safe or fail secure operation, supporting "On", "Off", "Pulse", and "Repeating Pulse" commands. With these powerful control-point capacities onboard, the eMAX-MR16in is capable of controlling outboard devices. It can also be activated by the condition of selected system devices locally or regionally without host intervention.

Application Notes

The eMAX-MR16in is an integral component to support MAXXESS's flexible, building-block approach to access control system design. The eMAX-MR16in provides the capacity to link, control and respond to an array of sensors. With its RS-485 connectivity, it can be clustered or distributed to best suit the installation environment.

Features

- *16 programmable inputs; 2 programmable relay outputs*
- *2-wire RS-485 communication*
- *AES 128 bit data encryption*
- *Universal I/O device characterization*
- *Configurable input parameters*
- *Compatible across Mercury's intelligent controller families*

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*

Proven Platforms for the Future
Reliable. Proven. Innovative Access Control.

System Controller eMAX-MR16in

Technical Specifications

Primary Power: 12-24 Vdc +/- 10%,
350mA maximum
12Vdc @ 300mA nominal
24Vdc @ 220mA nominal

Communication: RS–485, 2-wire, 4,000'
(twisted pair with shield,
Belden 9841)

Inputs: 16 General purpose:
programmable circuit type
2 Dedicated: Tamper and Power
Monitor

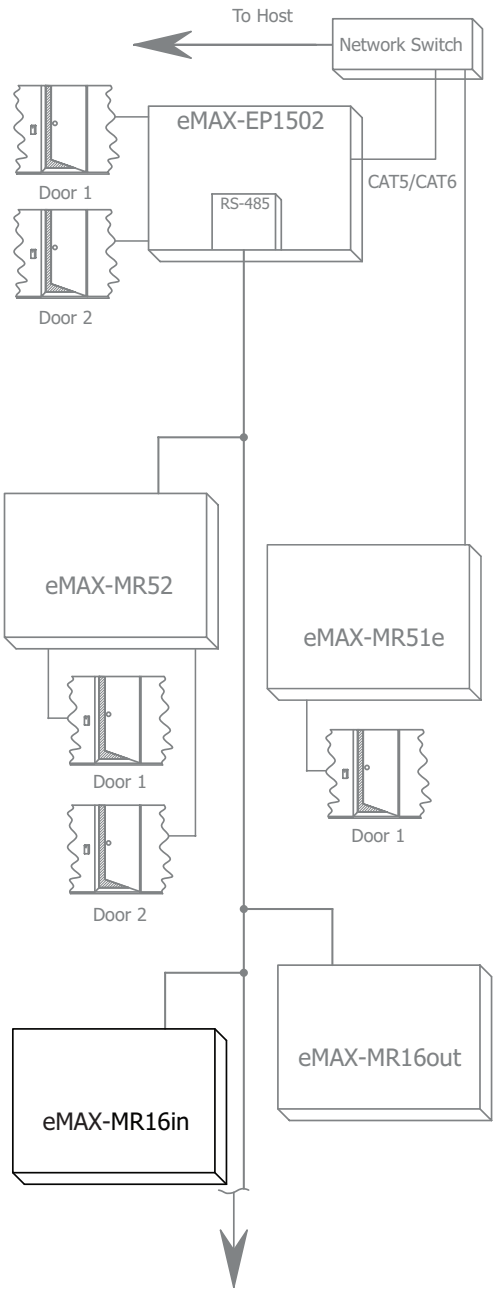
Outputs: 2 Relays: Form–C, 5 Amp 28 VDC

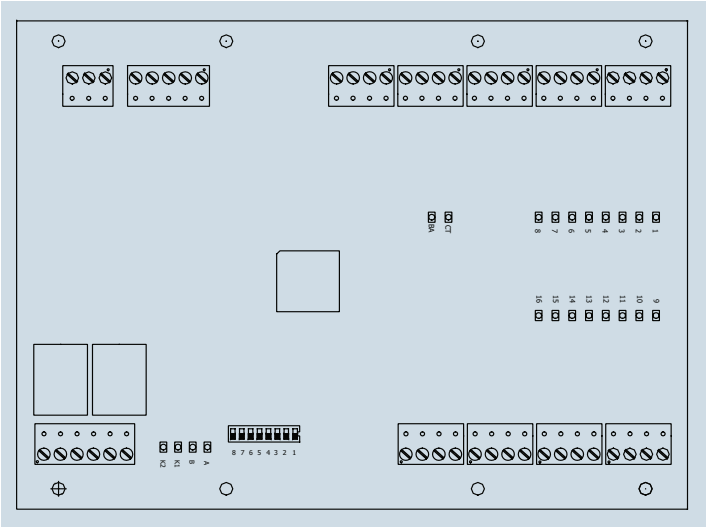
Dimensions: 6.0' W x 8.0' L x 1.0' H,
(152mm W x 203mm L x 25mm H)

Temperature: 0-70°C operational,
-55-85°C storage

Humidity: 0-95% RHNC

Standards: UL294 Recognized, CE Compliant,
ROHS,





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