MD-IO84B

I/O Expansion Module for AC-225x-B and AC-425x-B Access Control Panels

Rosslare's MD-IO84B is a plug-in expansion module for Rosslare's AC-225x-B and AC-425x-B Access Control Panels. This I/O expansion board provides 8 Supervised Outputs with EOL (End-Of Line) resistor protection, and 4 Relay Outputs (5 Amp Form C NO/NC). Installation of the module takes under 1 minute with the tailored expansion port in the panels and auto-recognize by the panel. Once it is installed and the panel is powered on, the expansion can be seen by the AxTraxNG Server, and the MD-IO84B may be programmed for Access Control and Automation. Advanced communication with the controller, allows for Firmware update, and real-time event logging with support for full offline operation by the host panel.

GENERAL DESCRIPTION

Rosslare's MD-IO84B expansion board is designed with a focus on high quality and reliability and is ideal for residential and commercial applications. It is compatible with the AC-225x-B and AC-425x-B networked access control panels.

The expansion board adds four relay outputs and eight supervised inputs to the access control panel. As a result, an access control panel with an Easy to install and operate, the MD-IO84B expansion board features state-of-the-art supervised communications with the controller. The host access controller has complete control over the additional inputs and outputs of the MD-IO84B expansion board.

MAIN FEATURES

- Eight additional supervised inputs
- Four additional fully programmable relay outputs
- LED status feedback for 12 V power and relay activation
- Cost effective and simple installation
- Compatible with Rosslare's AC-225x-B, AC-425x-B networked access control panels
- Input and output configurability using Rosslare's AxTraxNG™ Server software (Version 27.5.7.x and above)

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SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

▪ Input Voltage	12 VDC
▪ Input Current (not including devices)	Standby: 30 mA Maximum: 135 mA
▪ Number of Outputs	4
▪ Number of Inputs	8
▪ Output Relays	5 A @ 30VDC with N.O., N.C. and COM contacts Form-C Relays
▪ Inputs Voltage	5 VDC maximum voltage

INPUT SPECIFICATIONS

▪ Input Type	Selectable: Normally Open, Normally Closed, Non-supervised (two states), supervised with one resistor (three states), supervised with two resistors (four states)

LED INDICATORS

▪ Power LED	Active when mounted correctly on the host controller
▪ Output LEDs	Four LEDs; each output LED is active when an output relay is activated and N.O. to COM contacts are shorted

PHYSICAL SPECIFICATIONS

▪ Dimensions (L x W x H)	100 x 75.9 x 32.5 mm (3.93 x 2.98 x 1.28 in.)
▪ Weight	98.2 g (0.21 lbs)

SYSTEM COMPONENTS	The MD-IO84B is compatible with a variety of Rosslare Security's family of state-of-the-art networked access controllers, Rosslare's AxTraxNG™ software and many third party access control systems.
PRODUCT WARRANTY	2-year Limited Product Warranty

ABOUT ROSSLARE SECURITY

Rosslare Security Products manufactures and markets high-quality security products via its worldwide offices and channel partners. Since 1980, Rosslare has offered high-quality systems for enterprise, small business, and residential applications. With Rosslare, you receive the best of all worlds: world-class product engineering and design; professional customer service spanning the globe.

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