

MatrixBus™ XO-2

Tow PGM Expansion Module

Rosslare's MatrixBus XO-2 expansion is part of a highly advanced line of expansion modules that work seamlessly with the AuraSys™ system, ideal for residential and commercial applications. The Matrix Bus XO-2 expansion offers features such as state-of-the-art communication with the panel and LED status indicator. With the MatrixBus XO-2 expansion you can control up to two applications such as lighting, additional sirens, locks, Heating, Ventilation and Air Conditioning (HVAC), trigger external voice dialer, home automation, and more by keypad or remotely via telephone. The unit comes in a double tamper protected housing and is easy to install anywhere on the bus that is connected to the panel.

General Description

Rosslare's MatrixBus XO-2 expansion is designed with a focus on high quality and reliability as our top priority.

Easy to install and operate, the MatrixBus XO-2 expansion features state-of-the art supervised communications with the panel detecting.

Once the expansion module is connected to the MatrixBus, up to two devices can be controlled by the relays via a dry-contact rated at 12V 5A. Up to four relay Programmable Outputs (PGMs) can be added to the system's main board by using a two-PGM expansions or one four-PGM expansion, giving the AuraSys P6 tremendous versatility.

All of the casings include cover and back tamper detection to prevent vandalism and unauthorized access to the PCB casing as well as a status LED.

The PGMs on the Matrix Bus XO-2 expansion have the same programming options as the on-board PGMs.



Main Features

- Up to two PGM expansion capacity
- Two on-board Form-C relays for Normally Open (N.O.) and Normally Closed (N.C.) connection
- Fail-safe and fail-secure option
- Supervised by panel for wire tamper
- On-board cover and wall tamper detection
- FLASH firmware upgradeable
- LED status and problem indicator

PROFESSIONAL GRADE FEATURES

- Compatible with Rosslare's AuraSys P6 wired control panel and other MatrixBus accessories
- Cost effective and modular installation anywhere on the bus near the devices to be controlled



Product Specifications

ELECTRICAL SPECIFICATIONS	
• Output relays	Two
• Auxiliary voltage from BUS	13.4 – 13.8 VDC
• Maximum input current	35mA
• Output relay voltage	12VDC
• Output relay current	5A maximum
• Indication	Green LED
ENVIRONMENTAL SPECIFICATIONS	
• Operating environment	Indoor use only
• Operating temperature	-10°C to 50°C (14°F to 122°F)
• Operating humidity	0 to 95% (Non-Condensing)
PHYSICAL SPECIFICATIONS	
• Dimensions (H x W x D)	101 x 99 x35 mm (4 x 3.9 x 1.4 in); Fits US gang box
• Weight	160g (0.353 lbs)

System Components

The MatrixBus XO-2 expansion is compatible with Rosslare's AuraSys P6 intrusion alarm control panels and MatrixBus accessories, including: LED and LCD keypads, voice communicators, safety sensors, sirens, and remote controls.



Additional Information

The MatrixBus XO-2 expansion is a high-quality electronic product developed and manufactured under ISO9001:2000 and is covered by RSP 2-year Limited Product Warranty.

Please visit our website for documentation and sales information: <http://www.rosslaresecurity.com/>.



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