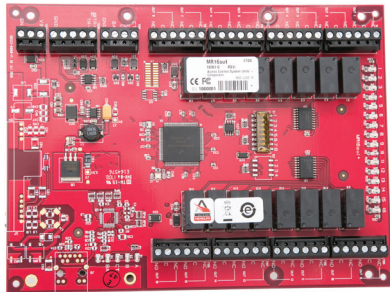


SECURITY MANAGEMENT SYSTEM (SMS)

VI-16OS3 16 Relay Output Module



Overview

The Vanderbilt Industries 16 Relay Output Module (VI-16OS3) is capable of supporting 16 general purpose outputs as Form C relay contacts which can be individually configured for timing and fail-safe or fail secure modes. Relay operation may be initiated by direct operator commands, time schedules, or event-based procedures. The relays support "On", "Off", "Pulse", and "Repeating Pulse" commands.

The VI-16OS3 communicates directly to the VRCNX-A Reader Controller board. The VI-16OS3 supports universal triggers, which integrates any input associated with any output response or a multitude of output responses and can be used to integrate alarm control and/or elevator floor control. Includes enclosure.



✓ KEY FEATURES

- VI-16OS3 connects to the Vanderbilt VRCNX-A Reader Controller via RS-485 protocol
- 16 general purpose Form "C" single pole/double throw, mechanically latching 5 A relay outputs
- Improved processor and increased memory
- Metal enclosure with hinged and dual screw door
- Connection for on-board tamper switch
- Tamper switch, lock and key option available



Specifications

Dimensions	6.0'W x 8.0'L x 1.0'H (152mm W x 203mm L x 25mm H)
Enclosure	12 1/4" H x 10 1/4" W x 2 3/4" D
Power Requirements	12-24 Vdc +/- 10%, 1100 mA maximum 12Vdc @ 850mA nominal 24Vdc @ 450mA nominal
Inputs	2 Dedicated: Tamper and Power Monitor
Output Relays	16 Form-C Relays: Normally open contact (NO): 5A @ 30 Vdc resistive Normally closed contact (NC): 3A @ 30 Vdc resistive
Ambient Temperature	0—70 °C operational, -55—85 °C storage
Humidity	0 to 95% RHNC
Recommended Cable	18AWG/2 COND Stranded, Shielded, Twisted, Belden 9841 (RS485 data only)
Standards	UL 294 Recognized, CE Compliant, RoHS, FCC Part 15 Subpart B
Maximum RS485 (data) distance between reader controller to VI-16OS3 is 4,000 feet with local power	

Ordering Information

VI-16OS3

16 Relay Output Module

Note: Can be ordered without enclosure. Use (NB) to specify no box.

OPTIONS

VLOCKRI

Enclosure Lock (comes with (2)
keys, tamper switch and cables)

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vanderbiltindustries.com

 @VanderbiltInd

 Vanderbilt Industries

Vanderbilt Industries

2 Cranberry Road
Parsippany, NJ 07054

 973 316 3900

an **ACRE**
company

06020-1219