

SECURITY MANAGEMENT SYSTEM (SMS)

ENCL-WM8/ENCL-WM16 Pre-Wired Custom Enclosures Mercury Footprint



Overview

Vanderbilt Pre-Wired Custom Enclosures are designed to help maintain consistency throughout installations. Each enclosure comes pre-wired and pre-tested with dual voltage power and battery backup included. Save time during installation and maintenance with these all-in-one boxes. Identical layout and configuration throughout a facility will aid installers in providing swift service.

Lock control module provides eight/sixteen access control inputs capable of voltage or dry contact activation, and eight/sixteen outputs programmable for failsafe or failsecure operation at either 12 or 24VDC, controlled by the integrated fire alarm interface circuit on the power supply.

Auxiliary module provides sixteen/twenty-four class II outputs with each output configurable for 12 or 24VDC operation.

MCLASS enclosures are painted steel with removable backplate and include lock, two (2) keys and tamper switch.

For use with Vanderbilt SMS Access Control System and specified Mercury hardware panels.

Powered by LifeSafety.



✓ KEY FEATURES

- Pre-wired and pre-tested enclosures
- Power locks (max 24VDC), read-heads, PIR motion detectors, local annunciators and on-board components
- Design allows for easy replacement of all components
- Significantly reduces manpower requirements during installation
- Decreases disruption in a client's daily business
- Panel placement and wiring allow for consistent installations
- On board Fire Alarm Interface
- Automatic switchover to standby battery if AC fails
- Each door has tamper protection



✓ ENCL-WM8

Pre-wired Enclosure for Mercury Panels - 8 Doors

- MCLASS Enclosure: 150W / dual voltage 4A/12V and 4A/24V access power system.
- (8) control outputs fused at 3A per output - each output selectable for FAI, failsafe, failsecure, Bus1 or Bus2.
- (16) sixteen auxiliary outputs class II power limited at 2.5A per output, each output selectable for Bus1 or Bus2.
- Painted steel with removable backplate; includes lock, two (2) keys and tamper switch. Includes (2) 12VDC 7Ah backup batteries.
- Available slots for (4) four panels: (1) VMRC-2L and (3) VRI-2S3 (panels not included).
- Size: 24H x 20W x 4.5D in. (61 x 50 x 11.50 cm)
- Weight: 40 lbs. without panels. UL Listed.

✓ ENCL-WM16

Pre-wired Enclosure for Mercury Panels - 16 Doors

- MCLASS Enclosure: 400W / dual voltage 12/12VDC and 10A/24VDC access power system.
- (16) control outputs fused at 3A per output - each output selectable for FAI, failsafe, failsecure, Bus1 or Bus2.
- (24) twenty-four auxiliary outputs class II power limited at 2.5A per output, each output selectable for Bus1 or Bus2.
- Painted steel with removable backplate; includes lock, two (2) keys and tamper switch. Includes (3) 12VDC 7Ah backup batteries.
- Available slots for (8) eight panels: (1) VMRC-2L and (7) VRI-2S3; (panels not included).
- Size: 24H x 20W x 4.5D in. (61 x 50 x 11.50 cm)
- Weight: 45 lbs. without panels. UL Listed.

✓ E4-3BS1-VB

Battery Enclosure

- Enclosure provides additional space for backup battery sets; (3) 4" shelves.
- Black powdercoat finish. Includes lockset and tamper switch. Batteries not included.
- Size: 24H x 20W x 4.5D in. (61 x 50 x 11.50 cm)
- Weight: 25 lbs.

Specifications

Input Power	Overload and short circuit protection Over temperature protection Polarized AC power supply disconnect
Output Power	Outputs: Continuous (DC1) Resettable (DC2)
Battery Charging	Independent built-in 2A charger for sealed lead acid or gel type batteries Microprocessor dual rate charging of 12 or 24 V battery sets Charges up to 80Ah battery sets within UL limit Automatic switchover to standby battery when AC fails Zero voltage drop when switched over to battery backup
Supervision	AC Fail (form "C" contacts) System Fault (form "C" contacts) may be triggered by low/no battery, short to earth ground, power supply failure or blown fuse
Visual Indicators	AC input, DC1 and DC2 output System fault, AC fault, short to earth ground, reverse battery polarity Fire Alarm Input activated
Regulatory Compliance	UL294, UL603, UL1076, ULC S318, ULC S319
Mercury/LSP	CSA C22.2 #107.1, CSA 22.2 #60950
Joint Listing	CSFM / FCC Part 15, Subpart B, CE
Enclosure Dimensions	Size: 24.00H x 20.00W x 4.50D in. (61.00 x 50.00 x 11.50 cm)
Access Panel Mounting	VMRC-2L, VRI-2S3

Ordering Information

ENCL-WM8	Pre-wired Enclosure for Mercury Panels - 8 Doors
ENCL-WM16	Pre-wired Enclosure for Mercury Panels - 16 Doors

Panels sold separately; wiring for Mercury configuration only

OPTIONS

E4-3BS1-VB	Vanderbilt Battery Enclosure with 3 shelves Batteries not included.
VBAT-127	12VDC 7Ah Battery

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