ME-1515

ROSSLARE
Secure Access Solutions

Enclosure for AC−825IP Series

Installation Manual

1. Introduction

The ME-1515 is a lockable metal enclosure that houses the AC-825IP access control series and can be used to house one AC-825IP unit or two x-805 expansions boards.

The ME-1515 enclosure has a Universal Power Socket (UPS) with a C14 standard plug for the VAC switcher power supply, as well as an audio speaker sounder for chime, bell, and siren.

The ME-1515 has a VDC power management board with charger for a 12 V / 7 Ah lead acid battery, and output power supply.

The unit has a LED illumination bar that is connected to the controller boards and lights when the enclosure door is open. The illumination bar includes a tamper switch and a green power status LED at the front of the enclosure.

Figure 1: ME-1515

2. Technical Specifications

2.1 Electrical Characteristics

Enclosure SMPS	Input: 100 to 240 VAC, 1.6 A, 50–60 Hz, switch mode power management board, C13 power cord
	Output: 15 VDC, 4 A
PCBA Input Power	15 VDC, 2 A, regulated power management board
Backup Battery	12 V sealed lead acid (SLA) up to 7 Ah

2.2 Environmental Characteristics

Operating Environment	Indoor
Operating Temp. Range	0°C to 50°C (32°F to 122°F)
Operating Humidity Range	0 to 85% (non-condensing)

2.3 Physical Characteristics

Enclosure Dimensions (H x W x D)	404 x 346 x 101 mm (15.9 x 13.6 x 4.0 in.)
Enclosure Weight*	4.5 kg (159.3 oz)

* For weight purposes, the ME-1515 enclosure includes the metal box, AC input, DC output and LED bar.

3. Installation

The installation shall be in accordance with US National Electrical Code NFPA 70.
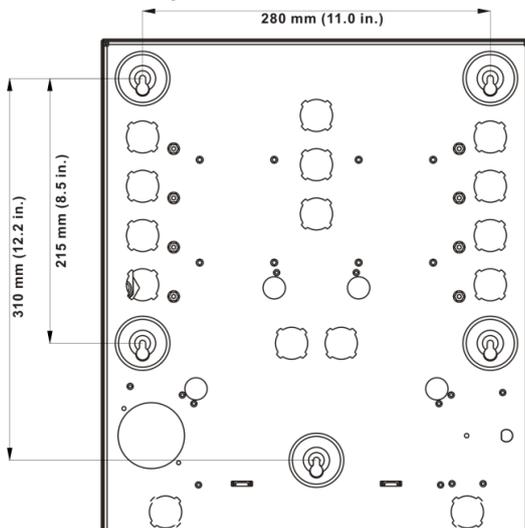
3.1 Mounting the ME−1515

When selecting an area for mounting, ensure the location is flat.

To mount the ME-1515:

1. Drill holes in the wall, using the hole locations on the back cover of the enclosure as a guide (Figure 2).

Figure 2: ME-1515 Drill Holes

2. Insert masonry anchors into the drilled holes.
3. Mount the enclosure onto the wall.
4. Once the ME-1515 is mounted, it can house either one AC-825IP PCBA (Figure 3) or two expansions (Figure 4).

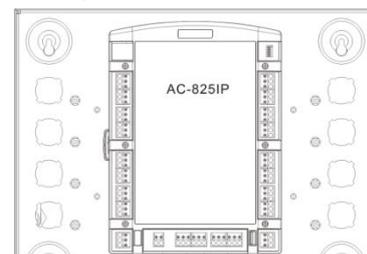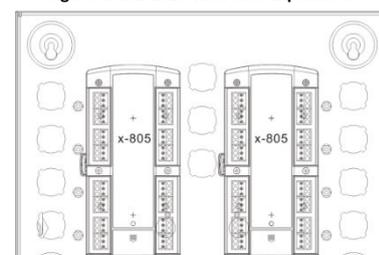**Figure 3: ME-1515 with AC-825IP**

Figure 4: ME-1515 with Two Expansions

3.2 Wiring the ME−1515

To wire the ME-1515:

1. Connect the backup battery red/black wires.
2. Plug the power cord in to the slot located on the bottom left of the ME-1515 casing and secure it if needed.
3. Check that the green power status LED lights.
4. Thread the wires through the designated holes in the rear and sides of the enclosure.
5. Wire the board to its inputs/outputs according to the wiring instructions for the relevant board (see Appendix Error! Reference source not found..).

A.   UL 294 7th Edition

The ME-1515 is UL listed to UL 294 7th Edition Standard for Access Control System Units. It has the following Access Control Performance Ratings:

Destructive Attack	Level I
Endurance	Level IV
Line Security	Level I
Standby Power	Level II

B.   Related Documents

- AC-825IP Hardware Installation and User Manual (PN: 0706-0960579+04)
- AC-825IP PCBA DIN Rail Access Controller Manual (PN: 0706-0960597+01)
- R/S/D/P-805 Family Installation Manual (PN: 0706-0960603+01)

Limited Warranty

The full ROSSLARE Limited Warranty Statement is available in the Quick Links section on the ROSSLARE website at www.rosslaresecurity.com.

Rosslare considers any use of this product as agreement to the Warranty Terms even if you do not review them.

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