ME-1515

Enclosure for AC-825IP Series

Datasheet

Introduction

The ME-1515 power management enclosure is an innovative lockable metal cabinet designed for maximum ease of use, installation, and maintenance. The ME-1515 features a split managed power supply and UPS circuit that is designed to fit and power Rosslare's AC-8215IP series of access control panels.

The enclosure and power supply board generate status events that can be logged by the control panels and seen by the AxTraxNG™ or AxTraxPro™ Access Control Management Software. The enclosure has a built-in speaker for sending audio alerts from the panels and features Rosslare PowerLock™ and the Rosslare LightBar™ utility light. The enclosure provides a premium solution and long-term reliable performance for value and peace of mind when installing Rosslare access controllers.

General Description

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 series expansions boards.

The ME-1515 enclosure has a Universal Power Socket (UPS) with a C14 standard plug for the VAC switching power supply and VDC power management board with charger for a 12 V / 7 Ah lead acid battery and output power supply.

The unit has audio speaker for chime, bell, and siren as well as 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.

Main Features

- Global input voltage – 100 to 240 VAC, 1.6 A, 50/60Hz auto select.
- Power module delivers isolated 13.8 VDC power @ 2 Amp output channels with PTC resettable fuse and LED indications.
- Built-in power event generation to let the control panels receive power supply and UPS events.
- Built-in Rosslare LightBar™ for lighting the way during maintenance and installation.
- Full system hinge and key lock unit (including 2 keys), thick high-quality oven baked black matte coating.
- Silk screen of all the connections on inside of door.
- Rosslare PowerLock™ C13 socket – power cable can be secured using a locking mechanism and cannot be pulled out of the socket. Can be supplied with various C14 power plugs per country requirements.
- Supplied with removable terminal blocks and special key for ease of installation.

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Specifications

ELECTRICAL SPECIFICATIONS	
Switch Mode PS Input Voltage	100 ~ 240 VAC, 50 ~ 60 Hz from main power Maximum input current: 1.6A
Switch Mode PS Output Voltage	15 VDC, 4 A (60 W) to the PM-10 power management board
Power Output from PM-10	Isolated PTC fused output, providing 13.8 VDC, 2 A
Battery Charger Output	13.8 VDC, 300 mA for 12 VDC, 7 Ah lead acid battery
Built-In Speaker (Audio Indication)	0.5 W, 8Ω
LED Indicators	2 LED for Power Outputs 1 and 2 Green LED shows power status visible when case is closed
Light Bar / Tamper Switch	0.3 W for LED light bar
ENVIRONMENTAL SPECIFICATIONS	
Operating Temperature Range	0°C to 40°C (32°F to 104°F)
Operating Humidity Range	0% to 85% (non-condensing)
MECHANICAL SPECIFICATIONS	
Lock Type	Mini-cylinder lock with 2 keys
Enclosure Dimensions	404 × 346 × 101 mm (15.9 x 13.6 x 4.0 in.)
Weight	4.5 kg (9.92 lb)

ORDER MODELS

The ME-1515 enclosure is for use with the AC-825IP which supports any of the following plug options:

A: Australian type I cable plug	
B: UK type G cable plug	
E: European type F cable plug	
U: US type B cable plug	

> If the ME-1515 is ordered individually, it can be used as enclosure for the AC-825IP-PCBA to make a complete product.

Product Warranty: 2-year limited product warranty

For more information regarding support, visit https://support.rosslaresecurity.com.