Overview

These ProWire Unified Power wall mount models are specially configured for Alarm.Com 8 and 16 door applications. They are dual voltage access power systems, precision wired for Alarm.Com ADC-AC-LP1502 controllers and ADC-AC-MR52 expansion modules. ProWire enables the specification and installation of **standard-ized access power equipment** across an enterprise for uniform operation, maintenance and servicing. The Alarm.Com modules are not included and must be purchased separately through Alarm.Com.
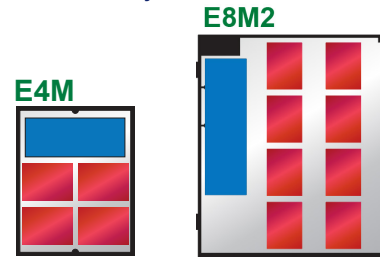
The C8 control modules each provide eight access control inputs capable of voltage or dry contact activation, and eight outputs programmable for failsafe / failsecure operation at either 12 or 24 VDC and controlled by the power supply fire alarm interface. The D8 modules provide eight auxiliary outputs. Each output is configurable for 12 or 24VDC operation.

ProWire Unified Power enclosures are painted steel with removable backplate, lock, keys and and tamper switch and come 100% factory tested – ready for final panel installation and field wire termination.

Product Features

- ◆ Guarantees uniform installations across an enterprise
- ◆ Pre-installed wire harness for panel power, lock control, faults and tamper switch
- ◆ Point to point wiring; labeled, color coded, twisted pair, shielded communication
- ◆ Tie wrap cable management
- ◆ Lockset and tamperswitch standard
- ◆ 6.5" cabinet depth accomodates battery set
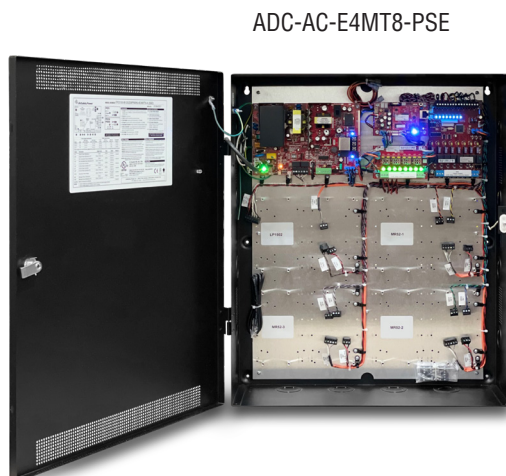- ◆ UL294, ULC S319 joint LSP / Mercury integrated listing

Enclosure Styles

E8M2

E4M

Model Numbers

Eight Doors - 4A/12V and 4A/24V	Pre-wired for		
ADC-AC-E4MT8-PSE	(1) ADC-AC-LP1502, (4) ADC-AC-MR52	8 auxiliary, 8 lock control	**E4M** (24 x 20 x 6.5)

Sixteen Doors - 12A/12V and 10A/24V			
ADC-AC-E8M2T16-PSE	(1) ADC-AC-LP1502 (7) ADC-AC-MR52	16 auxiliary, 16 lock control	**E8M2** (36 x 30 x 6.5)

*ADC-ACC2-34 and ADC-ACX2 modules are **not** included and must be purchased separately from Alarm.Com*

ADC-AC-E4MT8-PSE

ADC-AC-E8M2T16-PSE

8 Door System Specifications

Power Supplies	FPO150	Power supply board 150W, 4A/24V
	B100	Secondary voltage module, 4A/12V class 2 power limited
		Input 120/230VAC 50/60Hz | 170 Watts Overload and short circuit protection Over temperature protection Polarized AC power supply disconnect
Battery Charging		Independent built-in charger for sealed lead-acid or gel type batteries Microprocessor dual rate charging of 12 or 24V battery sets Automatic switchover to standby battery when AC fails Zero voltage drop when switched over to battery backup
Supervision		AC Fault (form "C" contacts) System Fault (form "C" contacts) System Fault conditions: Low or no battery | short to earth ground | power supply failure
Distribution Modules	D8P (X2)	8 auxiliary outputs, class 2 power limited at 2.5A per output (second D8P dedicated power to controllers)
	C8	8 relay lock control outputs, fused at 3A per output
Enclosure	E4M	Size: 24.00H x 20.00W x 4.50D in. (61.00 x 50.00 x 11.50 cm) | Weight: 25 lbs.
Regulatory Compliance	UL / ULC	UL294, ULC S319
	CSA / FCC	CSA C22.2 #107.1 | FCC Part 15, CSFM

16 Door System Specifications

Power Supplies	FPO150	Power supply board 150W, 12A/12V
	FPO250	Power supply board 250W, 10A/24V
		Input 120/230VAC 50/60Hz | 564 Watts Overload and short circuit protection Over temperature protection Polarized AC power supply disconnect
Battery Charging		Independent built-in charger for sealed lead-acid or gel type batteries Microprocessor dual rate charging of 12 or 24V battery sets Automatic switchover to standby battery when AC fails Zero voltage drop when switched over to battery backup
Supervision		AC Fault (form "C" contacts) System Fault (form "C" contacts) System Fault conditions: Low or no battery | short to earth ground | power supply failure
Distribution Modules	D8P (X3)	16 auxiliary outputs, class 2 power limited at 2.5A per output (third D8P dedicated power to controllers)
	C8 (X2)	16 relay lock control outputs, fused at 3A per output
Enclosure	E8M2	Size: 36.00H x 30.00W x 6.50D in. (91.00 x 76.00 x 16.50 cm) | Weight: 80 lbs.
Regulatory Compliance	UL / ULC	UL294, ULC S319
	CSA / FCC	CSA C22.2 #107.1 | FCC Part 15, CSFM