Prepared. Precise. Prewired.
LSP ProWire®

Pre-wired Access Power Products

Ready-to-install ProWire®, pre-wired Unified Power solutions simplify and standardize access installations across the enterprise. Available standard, or networked for intelligent power monitoring, all ProWire systems feature quick-connect terminal strips for rapid, reliable installation; significantly reducing installation costs and errors.

ProWire systems streamline installation, operation, maintenance, and troubleshooting. Precision factory wiring of system power, lock relay power, system faults and panel communication are 100-percent factory pre-wired and tested. Preconfigured models are available in four-, eight- and sixteen-door combinations.

Plug and play - Pre-wired terminal strips, pre-installed standoffs and accompanying panel mounting hardware simplify final panel assembly.

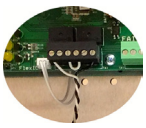
Precision assembly - Factory wiring harnesses connect to authentic panel connector terminals for a fast and reliable electrical connection.

Detailed documentation - Wiring CADs for system design and twisted-pair color-coded cable harnesses with termination connectors eliminate lock wiring complexity.

High performance - ProWire systems are factory built and tested to rigorous standards, with tie-wrap or optional wire-duct cable management provided.

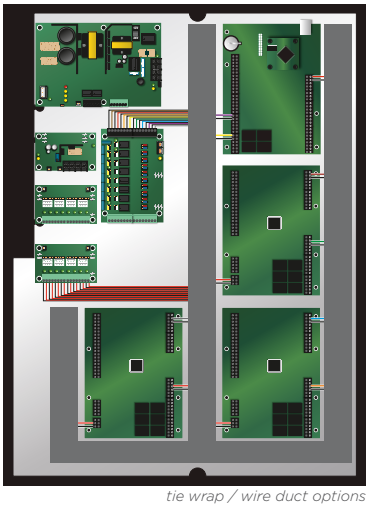
Trusted UL/CUL - For guaranteed reliability and seamless operation, ProWire systems are agency certified as an integrated access power management system with control panels from leading access manufacturers.

Wired points: system, lock, communication, faults



FAULT WIRING
power supply
system and ac faults

SYSTEM POWER
class II power wired out to each access panel



tie wrap / wire duct options

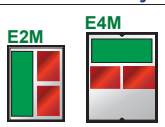
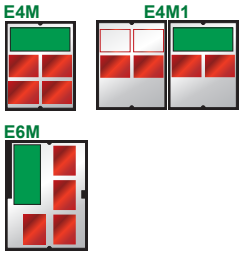
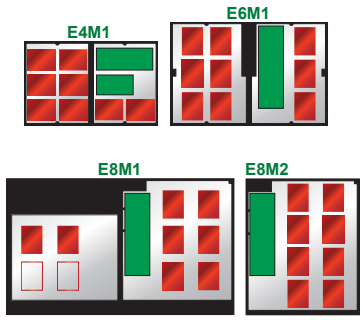
LOCK POWER
cable harness from C8, M8 lock control inputs to access panel relay outputs

TAMPER SWITCH

RS-485 COMMUNICATION
proper shielded, jacketed cable daisy chained throughout

Mercury | ProWire® Configurations

Factory prewired for system power, lock power, communication, faults and tamperswitch

Doors	Power/Outputs	Enclosure	Cabling	Base Model		*Wiring	Panel Layout
4DR	**12V/2A and 24V/2A** Outputs: **STD:** 8 aux, 4 lock **NET:** 8 managed	**E2M** 20 x 16 x 4.5	Tie wrap	Standard	FPO75-B100C4D8PE2M /	T4-A T4-B T4-C	
				Networked	FPO75-B100M8PNL4E2M /		
		E4M 24 x 20 x 6.5		Standard	FPO75-B100C4D8PE4M /		
				Networked	FPO75-B100M8PNL4E4M /		
8DR	**12V/4A and 24V/4A** Outputs: **STD:** 16 aux, 8 lock **NET:** 16 aux, 8 mgd	**E4M** 24 x 20 x 6.5	Tie wrap	Standard	FPO150-B100C82D8PE4M /	T8-A T8-B T8-C	
				Networked	FPO150-B1002D8PM8NL4E4M /		
		E4M1 24 x 20 x 6.5		Standard	FPO150-B100C82D8PE4M1 /		
				Networked	FPO150-B1002D8PM8NL4E4M1 /		
		E6M 30 x 23 x 6.5		Standard	FPO150-B100C82D8PE6M /		
				Networked	FPO150-B1002D8PM8NL4E6M /		
		E6M 30 x 23 x 6.5	Panduit style	Standard	FPO150-B100C82D8PE6M /	P8-A P8-B P8-C	
				Networked	FPO150-B1002D8PM8NL4E6M /		
16DR	**12V/12A and 24V/10A** Outputs: **STD:** 24 aux, 16 lock **NET:** 24 aux, 16 mgd	**E4M1** 24 x 20 x 6.5	Tie wrap	Standard	FPO150/250-2C83D8PE4M1 /	T16-A T16-B T16-C	
				Networked	FPO150/250-3D8P2M8NL4E4M1 /		
		E6M1 30 x 23 x 6.5		Standard	FPO150/250-2C83D8PE6M1 /		
				Networked	FPO150/250-3D8P2M8NL4E6M1 /		
		E8M1 36 x 30 x 6.5		Standard	FPO150/250-2C83D8PE8M1 /		
				Networked	FPO150/250-3D8P2M8NL4E8M1 /		
		E8M2 36 x 30 x 6.5		Standard	FPO150/250-2C83D8PE8M2 /		
				Networked	FPO150/250-3D8P2M8NL4E8M2 /		
		E6M1 30 x 23 x 6.5	Panduit style	Standard	FPO150/250-2C83D8PE6M1 /	P16-A P16-B P16-C	
				Networked	FPO150/250-3D8P2M8NL4E6M1 /		
		E8M1 36 x 30 x 6.5		Standard	FPO150/250-2C83D8PE8M1 /		
				Networked	FPO150/250-3D8P2M8NL4E8M1 /		
		E8M2 36 x 30 x 6.5		Standard	FPO150/250-2C83D8PE8M2 /		
				Networked	FPO150/250-3D8P2M8NL4E8M2 /		
4DR RM	**12V/2A and 24V/2A** Outputs: **STD:** 8 lock **NET:** 8 managed	**Mercury GEMINI** R2U RACK DRAWER	Tie wrap	Standard	RGM75B-C8PZ /	T4-A T4-B T4-C	
				Networked	RGM75B-M8PNZ /		

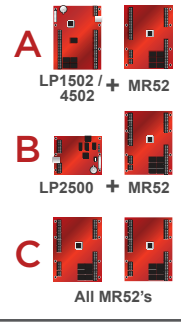
**Complete ProWire model number requires base model + wiring suffix (e.g., FP150-B100C82D8PE6M/T8-A)*
Panduit option not available in smaller E2 / E4 enclosures

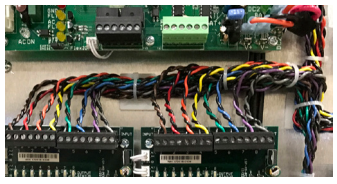
Controller Wiring Options (e.g. T8-A)

Wire Management
T = Tie wrap
P = Panduit

Door Count
4, **8**, 16

Panel Wiring
A, B, C





Color coded lock wiring

Data sheets

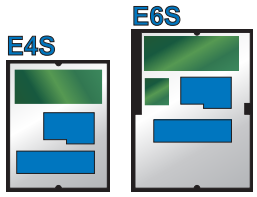
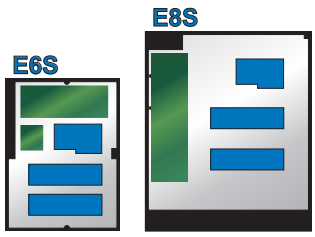
Wiring Guide

FPO150/250-3D8P2M8NL4
E8M2/P16-A

See ProWire data sheets / wiring guide for detailed specifications

Software House | ProWire® Configurations

Factory prewired for system power, lock power, communication, faults and tamperswitch

Doors	Power/Outputs	Enclosure	Cabling	Base Model		*Wiring	Panel Layout
8DR	12V/6A and 24V/6A Outputs: **STD:** 8 aux, 8 lock **NET:** 8 aux, 8 mgd	**E4S** 24 x 20 x 6.5	Tie wrap	Standard	FPO75/150-C8D8E4S /	T8-A T8-B	
				Networked	FPO75/150-D8M8NL4E4S		
		E6S 30 x 23 x 6.5	Tie wrap	Standard	FPO75/150-C8D8E6S /	T8-A T8-B	
				Networked	FPO75/150-D8M8NL4E6S		
		E6S 30 x 23 x 6.5	Panduit style	Standard	FPO75/150-C8D8E6S /	P8-A P8-B	
				Networked	FPO75/150-D8M8NL4E6S		
16DR	12V/12A and 24V/10A Outputs: **STD:** 8 aux, 16 lock **NET:** 8 aux, 16 mgd	**E6S** 30 x 23 x 6.5	Tie wrap	Standard	FPO150/250-E6S /	T16-A	
				Networked	FPO150/250-NL4E6S /		
		E8S 36 x 30 x 6.5	Tie wrap	Standard	FPO150/250-2C82D8E8S /	T16-A T16-B	
				Networked	FPO150/250-2D82M8NL4E8S /		
		E8S 36 x 30 x 6.5	Panduit style	Standard	FPO150/250-2C82D8E8S /	P16-A P16-B	
				Networked	FPO150/250-2D82M8NL4E8S /		
8DR RM	12V/12A Outputs: **STD**: 8 lock **STD**: 8 aux, 8 lock	**SWH GEMINI** R2U RACK DRAWER	Tie wrap	Standard	RGS150-C8Z /	T8-C	
	12V/4A & 24V/4A Outputs: **STD**: 8 aux, 8 lock **NET**: 8 managed			Networked	RGS150-M8NZ /		
				Standard	RGS150B-C8D8Z /		
				Networked	RGS150B-M8NZ /		

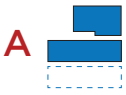
**Complete ProWire model number requires base model + wiring suffix (e.g., FPO75/150-C8D8E4S/T8-A)*
Panduit option not available in smaller E4 enclosure

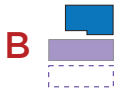
Controller Wiring Options (e.g. T8-A)

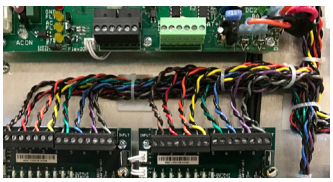
Wire Management
T = Tie wrap
P = Panduit

Door Count
4, **8**, 16

Panel Wiring
A, B, C







Color coded lock wiring

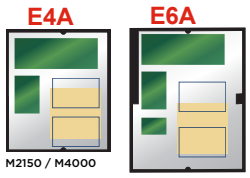
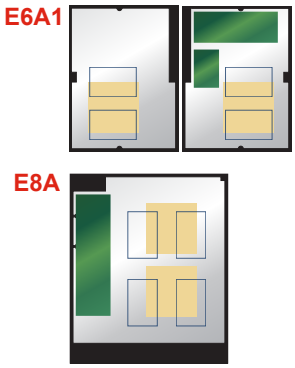
Data sheets *Wiring Guide*

16 door ProWire Panduit
FPO150/250-2C82D8ES/P16-A

See ProWire data sheets / wiring guide for detailed specifications

AMAG | ProWire® Configurations

Factory prewired for system power, lock power, communication, faults and tamperswitch

Doors	Power/Outputs	Enclosure	Cabling		*Base Model	Wiring	Panel Layout
8DR	**12V/4A and 24V/4A** Outputs: **STD:** 8 aux, 8 lock **NET:** 8 aux, 8 mgd	**E4A** 24 x 20 x 6.5	Tie wrap	Standard	FPO150-B100C8D8E4A /	T8-A T8-C	
				Networked	FPO150-B100D8M8NL4E4A /		
		E6A 30 x 23 x 6.5	Tie wrap	Standard	FPO150-B100C8D8E6A /	T8-A T8-C	
				Networked	FPO150-B100D8M8NL4E6A /		
			Panduit style	Standard	FPO150-B100C8D8E6A /	P8-A P8-C	
				Networked	FPO150-B100D8M8NL4E6A /		
16DR	**12V/12A and 24V/10A** Outputs: **STD:** 8 aux, 16 lock **NET:** 8 aux, 16 mgd	**E6A1** 30 x 23 x 6.5	Tie wrap	Standard	FPO150/250-2C82D8E6A1 /	T16-A T16-C	
				Networked	FPO150/250-2D82M8NL4E6A1 /		
			Panduit style	Standard	FPO150/250-2C82D8E6A1 /	P16-A P16-C	
				Networked	FPO150/250-2D82M8NL4E6A1 /		
		E8A 36 x 30 x 6.5	Tie wrap	Standard	FPO150/250-2C82D8E8A /	T16-A T16-C	
				Networked	FPO150/250-2D82M8NL4E8A /		
			Panduit style	Standard	FPO150/250-2C82D8E8A /	P16-A P16-C	
				Networked	FPO150/250-2D82M8NL4E8A /		
8DR RM	**12V/12A** Outputs: **STD**: 8 auxiliary **NET**: 8 auxiliary	**RGA** RACK DRAWER	Tie wrap	Standard	RGA150-D8Z /	T8-A	
				Networked	RGA150-D8NZ /		
	12V/4A & 24V/4A Outputs: **STD**: 8 FAI lock			Standard	RGA150B-F8Z /		
				Networked	RGA150B-NZ /		

**Complete ProWire model number requires base model plus a wiring suffix (e.g., FPO150-B100C8D8E6A/T8-A)*
Panduit option not available in smaller E4 enclosure

RGA network configuration does not have managed (M8) outputs due to drawer space limits

Controller Wiring Options (e.g. T8-A)

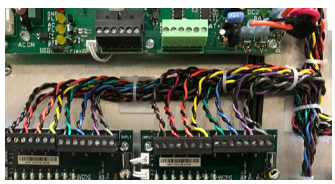
Wire Management
T = Tie wrap
P = Panduit

Door Count
4, **8**, 16

Panel Wiring
A, C

A  M2150

C  M4000



Color coded lock wiring

Data sheets *Wiring Guide*

16 door ProWire Panduit
FPO150/250-2D82M8NL4E8A/P16-A

See ProWire data sheets / wiring guide for detailed specifications