

16 Door Access Power

Honeywell Integrated Access Systems Dual Voltage / Standard / Managed

UNIFIED POWER® | PROWIRE®















Overview

These LSP Honeywell wall mount models are dual voltage access power systems, with optional precision wiring for Honeywell ProWatch PW7K controllers. Unified Power systems include a predrilled backplate for mounting of Honeywell ProWatch controllers within the power system enclosure. ProWire systems add wiring for controller power, lock control wiring, RS485, tamper switch, and power supply faults. ProWire enables the specification and installation of standardized access power equipment across an enterprise for uniform operation, maintenance and servicing.

The C8 or M8 control modules provide access control inputs capable of voltage or dry contact activation, and outputs programmable for failsafe / failsecure operation at either 12 or 24 VDC and controlled by the power supply fire alarm interface. The D8P modules provide auxiliary outputs. In dual voltage systems, each output is configurable for 12 or 24VDC operation.

ProWire and 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.

Unified Features

- Integrated power & access
- 120 or 230VAC input
- SLA or LiFePO4 battery charging
- Aux & lock power outputs

ProWire Features

- · Factory installed wiring harness
- · System power / locks / RS485 / tamper
- · Screwdriver ready panel installation
- · Point to point wiring documentation
- · Optional preinstalled Panduit wire management

Managed Features

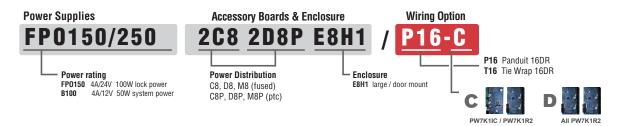
- . Monitor: ac power, system faults, service due
- Control: device power cycle, remote battery test
- · Predict: battery life, lock replacement
- · Report: 1000 event log, fault analysis

power distribution features

Model Selector

Enclosure	Туре	Standard Model	Managed Model	Outputs	Pre-wired for	Pattern
E8H1 Large Enclosure 36 x 30 x 6.5	UNIFIED	FP0150/250-2C82D8PE8H1	FP0150/250-2D8P2M8NL4E8H1	16 Aux / 16 Control		
	PROWIRE*	FP0150/250-2C82D8PE8H1/P16-	C FP0150/250-2D8P2M8NL4E8H1/P16-C	16 Aux / 16 Control	PW7K1IC / PW7K1R2	
		FP0150/250-2C82D8PE8H1/P16-	D FP0150/250-2D8P2M8NL4E8H1/P16-D	16 Aux / 16 Control	PW7K1R2	
Models listed are /P16-x Panduit cable management Sta			stribution: systems use D8P auxiliary outputs and outputs	075750 05	Scan QR code for short video tutorial on LSP power distribution features	

Model Number Nomenclature



Managed systems use M8P managed control outputs

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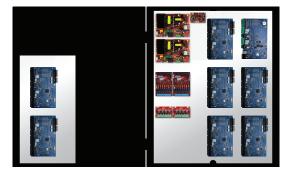
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System Specifications

Power Supplies	FP0150	Power supply board, 20A/12V			
	FP0250	Power supply board, 10A/24V			
		Input 120/230VAC 50/60Hz 450 Watts (3.77xA) 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			
0 1:1:		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	DOD.				
DISH INUTION MOUNTES	D8P	(2X) 8 auxiliary outputs, class 2 power limited at 2.5A per output			
	C8	(2X) 8 relay lock control outputs, fused at 3A per output			
	M8	(2X) 8 relay managed outputs, fused at 3A per output			
Network Management	NL4	Four port module. Monitors and reports power supply status. Tests and reports battery health status			
	M8	Monitors eight (8) individual outputs. Remote reset each output. Set window thresholds for voltage & current			
Enclosure	E8H1	Size: 36.00H x 30.00W x 6.50D in. (91.00 x 76.00 x 16.50 cm) Weight: 65 lbs			
Wiring Suffix	T16 / P16-C	T = Tie Wrap P = Panduit 16 = Door Count C = pre-wired for PW7K1IC / PW7K1R2			
	T16 / P16-D	T = Tie Wrap P = Panduit 16 = Door Count D = pre-wired for All PW7K1R2			
	,	- To Trup Landar 10 - Door Count B - Pro Willow for All FWT TITLE			
Regulatory Compliance	UL / ULC	UL294, ULC S319 International			
	CSA / FCC	CSA C22.2 #107.1 FCC Part 15, CSFM CE, BIS, NOM, UKCA, RCM			

Backplate Layout

E8H1 36 X 30



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