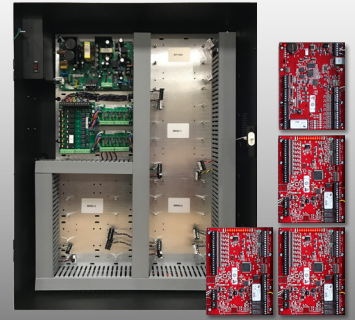


Mercury Unified Power®

Standard, Networked and
ProWire® Configurations



Mercury | Unified Power® Configurations

System power, lock power and controllers integrated into one secure, UL listed enclosure.

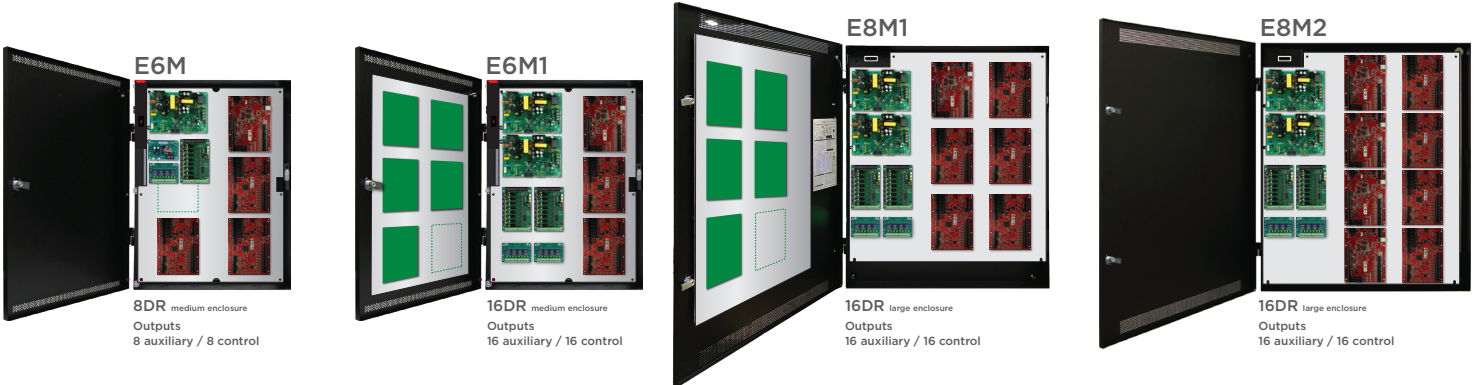
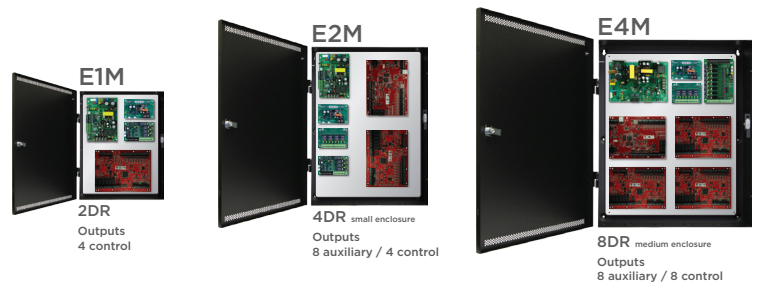
DOORS	STANDARD PN	NETWORKED PN	12VDC	24VDC	ENCL H x W x D	POWER AND PANEL MOUNTING
2	FPO75-B100C4PE2M	FPO75-B100M8PNL4E2M	2A	2A	20 x 16 x 4.5	System power, lock power / one Mercury
4	FPO75-B100C4D8PE4M	FPO75-B100M8PNL4E4M	2A	2A	24 x 20 x 6.5	System power, lock power / three Mercury
8	FPO150-B100C8D8PE4M	FPO150-B100D8PM8NL4E4M	4A	4A	24 x 20 x 6.5	System power, lock power / four Mercury
8	FPO150-B100C8D8PE6M	FPO150-B100D8PM8NL4E6M	4A	4A	30 x 23 x 6.5	System power, lock power / four Mercury
16	FPO150/250-2C82D8PE6M1	FPO150/250-2D8P2M8NL4E6M1	12A	10A	30 x 23 x 6.5	System power, lock power / eight Mercury
16	FPO150/250-2C82D8PE8M1	FPO150/250-2D8P2M8NL4E8M1	12A	10A	36 x 30 x 6.5	System power, lock power / eight Mercury
16	FPO150/250-2C82D8PE8M2	FPO150/250-2D8P2M8NL4E8M2	12A	10A	36 x 30 x 6.5	System power, lock power / eight Mercury

Accessory modules C4, C8, D8, M8 have fused outputs. For accessory modules with class II PTC outputs, add "P", to the module part number (C4P, C8P, D8P, M8P)

MERCURY ENCLOSURES

Controller Layout Illustration

STYLE	DIMENSIONS	WEIGHT	MAX FIT	ON DOOR
E1M	12 x 12 x 4.5	15 lbs (7kg)	One Panel	
E2M	20 x 16 x 4.5	24 lbs (6.8kg)	Two Panels	
E4M	24 x 20 x 6.5	36 lbs (16.3kg)	Four Panels	
E4M1	24 x 20 x 6.5	37 lbs (17kg)	Eight Panels	✓
E6M	30 x 23 x 6.5	65 lbs (29.5kg)	Four Panels	
E6M1	30 x 23 x 6.5	72 lbs (32.5kg)	Eight Panels	✓
E8M1	36 x 30 x 6.5	75lbs (34kg)	Twelve Panels	✓
E8M2	36 x 30 x 6.5	80lbs (36.2kg)	Eight Panels	



Agency Listings | UL294 / UL603 / ULC S318 / ULC S319
 CSA C22.2 #107.1 / CSA 22.2 #60950 | CE

FLEXPOWER's unique mix and match modularity creates many listed combinations - contact factory with requirements

Mercury | ProWire[®] Configurations

Factory prewired for system power, lock power, communication, faults and tamper switch

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							
		E4M1 24 x 20 x 6.5		Networked	FPO150-B1002D8PM8NL4E4M /								
		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	
								E6M1 30 x 23 x 6.5		Networked	FPO150/250-3D8P2M8NL4E4M1 /		
E8M1 36 x 30 x 6.5	Standard	FPO150/250-2C83D8PE6M1 /											
	Networked	FPO150/250-3D8P2M8NL4E6M1 /											
E8M2 36 x 30 x 6.5	Panduit style	Standard	FPO150/250-2C83D8PE8M1 /			P16-A P16-B P16-C							
		Networked	FPO150/250-3D8P2M8NL4E8M1 /										
		E6M1 30 x 23 x 6.5	Standard					FPO150/250-2C83D8PE6M1 /					
			Networked					FPO150/250-3D8P2M8NL4E6M1 /					
E8M1 36 x 30 x 6.5	Panduit style	Standard	FPO150/250-2C83D8PE8M1 /	P16-A P16-B P16-C									
		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., FPO150-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



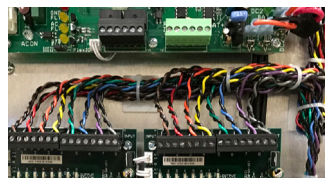
Door Count

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