Mercury ProWire®
Pre-Wired Power Systems

Precision factory wired for system power, lock control, RS-485 communication, power system faults, and tamper switch. Mercury ProWire solutions are ready-to-install, simplifying and standardizing access installations across the enterprise.

ProWire 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 or Panduit cable management
• Managed systems monitor power, batteries, and M8 outputs

Mercury Overview / Wiring Guide / ProWire Family Guide / Mercury ProWire Benefits

NEW! 24 Door E12M systems available.



Model Nomenclature

Power Supplies

FP0250/250

Power rating

FP0150 12A/12V 150W syste
FP0250 10A/24V 250W lock p

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[tab title="Products"]

4 Door Wired Type Model Wiring Options

DV Standard	FPO75-B100C4D8PE2M/T4-A	T4-A, -B, -C
DV Networked	FPO75-B100M8PNL4E2M/T4-A	T4-A, -B, -C
DV Standard	FPO75-B100C4D8PE4M/T4-A	T4-A, -B, -C | P
DV Networked	FPO75-B100M8PNL4E4M/T4-A	T4-A, -B, -C |
SV Standard	FPO75-C4D8PE2M/T4-A	T4-A, -B, -C 6A/1
SV Networked	FPO75-M8PNL4E2M/T4-A	T4-A, -B, -C 6A/

SV Standard	FPO75-C4D8PE4M/T4-A	T4-A, -B, -C	P4-A, 6A/12
SV Networked	FPO75-M8PNL4E4M/T4-A	T4-A, -B, -C	P4-A 6A/

8 Door Wired	Type	Model	Wiring Options
	DV Standard	FPO150-B100C82D8PE4M/T8-A	T8-A, -B, -C
	DV Networked	FPO150-B1002D8PM8NL4E4M/T8-A	T8-A, -B,

DV Standard	FPO150-B100C82D8PE6M/T8-A	T8-A, -B, -C |
DV Networked	FPO150-B1002D8PM8NL4E6M/T8-A	T8-A, -B,
SV Standard	FPO150-C82D8PE4M/T8-A	T8-A, -B, -C | P8-A 12
SV Networked	FPO150-2D8PM8NL4E4M/T8-A	T8-A, -B, -C |
SV Standard	FPO150-C82D8PE6M/T8-A	T8-A, -B, -C | P8-A 12
SV Networked	FPO150-2D8PM8NL4E6M/T8-A	T8-A, -B, -C |

16 Door Wired	Type	Model	Wiring Options
	DV Standard	FPO150/250-2C83D8PE4M1/T16-A	T16-A, -I
	DV Networked	FPO150/250-3D8P2M8NL4E4M1/T16-A	T16-A,
	DV Standard	FPO150/250-2C83D8PE6M1/T16-A	T16-A, -B,
	DV Networked	FPO150/250-3D8P2M8NL4E6M1/T16-A	T16-A,

DV Standard	FPO150/250-2C83D8PE8M1/T16-A	T16-A, -B,
DV Networked	FPO150/250-3D8P2M8NL4E8M1/T16-A	T16-A,
DV Standard	FPO150/250-2C83D8PE8M2/T16-A	T16-A, -B,
DV Networked	FPO150/250-3D8P2M8NL4E8M2/T16-A	T16-A,
SV Standard	FPO250-2C83D8PE4M1/T16-A	T16-A, -B, -C |
SV Networked	FPO250-3D8P2M8NL4E4M1/T16-A	T16-A, -B,

SV Standard	FPO250-2C83D8PE6M1/T16-A	T16-A, -B, -C
SV Networked	FPO250-3D8P2M8NL4E6M1/T16-A	T16-A, -B,
SV Standard	FPO250-2C83D8PE8M1/T16-A	T16-A, -B, -C
SV Networked	FPO250-3D8P2M8NL4E8M1/T16-A	T16-A, -B,
SV Standard	FPO250-2C83D8PE8M2/T16-A	T16-A, -B, -C
SV Networked	FPO250-3D8P2M8NL4E8M2/T16-A	T16-A, -B,

24 Door Wired	Type	Model	Wiring Options
	DV Standard	FPO250/250-3C85D8PE12M/T24-A	T24-A, -I
	DV Networked	FPO250/250-5D8P3M8NLXE12M/T24-A	T24-A
	DV Networked	FPO250/250-3D8P5M8PNLXE12M/T24-A	T24-A

DV Standard - High Power	FPD250/250/250-3C85D8PE12M/T24-A	T24-A,	
DV Networked - High Power	FPD250/250/250-5D8P3M8NLXE12M/T24-A	T24-A, -B, -C | P24A, -B, and -C	20A 12V Aux, 24
DV Networked - High Power	FPD250/250/250-3D8P5M8PNLXE12M/T24-A	T24-A, -B, -C | P24A, -B, and -C	20A 12V Aux, 4

Rack Mount 4 Door Wired	Type	Model	Wiri
DV Standard	RGM75B-C8PZ/T4-A	T4-A, -B, -C	2A/12

DV Networked	RGM75B-M8PNZ/T4-A	T4-A, -B, -C	2A/12V

*Note that rack mount systems using the "B" configuration can only

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Agency Listings

• UL294 / UL603 / UL1076 / ULC S319 • CSA C22.2 #107.1 •

FCC Part 15, Subpart B

• IEC 62368-1:2014, EN55032:2015, EN61000-3-2:2014

• EN6100-3-3:2013, EN55024:2010 +A1:2015

• CE, UKCA, BIS IS13252(Part1):2010, NOM 001:2018, RCM, SAA

• CSFM Approved, ROHS 3 Lead Free

Mercury ProWire Systems

Four Doors	DS IM CAD AG
Eight Doors	DS IM CAD AG
Sixteen Doors	DS IM CAD AG
Twenty-Four Doors	DS IM CAD AG
Rack Mount 4 Doors	DS IM CAD AG

Mercury Enclosures	Model	Datasheet	Manuals
E1M	DS		CAD AG
E2M	DS	CAD	AG
E4M	DS	CAD	AG
E4M1	DS	CAD	AG
E5M	DS	CAD	AG
E6M	DS	CAD	AG
E6M1	DS	CAD	AG
E8M	DS	CAD	AG

E8M1	DS	CAD	AG
E8M2	DS	CAD	AG
E8M3	DS	CAD	AG
E12M	DS	CAD	AG

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