

## 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"]
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4 Door Wired	Type	Model	Wiring Options
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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/12

SV Networked [FPO75-M8PNL4E2M/T4-A](#) T4-A, -B, -C

6A/12

SV Standard      [FPO75-C4D8PE4M/T4-A](#)    T4-A, -B, -C | P4-A, -B, -C | P6A/12V

SV Networked      [FPO75-M8PNL4E4M/T4-A](#)    T4-A, -B, -C | P4-A, -B, -C | P6A/12V

8 Door Wired	Type	Model	Wiring Options
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DV Standard		<a href="#"><u>FPO150-B100C82D8PE4M/T8-A</u></a>	T8-A, -B, -C
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DV Networked		<a href="#"><u>FPO150-B1002D8PM8NL4E4M/T8-A</u></a>	T8-A, -B, -C
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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-  
12

SV Networked [FPO150-2D8PM8NL4E4M/T8-A](#) T8-A, -B, -C |

SV Standard [FPO150-C82D8PE6M/T8-A](#) T8-A, -B, -C | P8-  
12

SV Networked [FPO150-2D8PM8NL4E6M/T8-A](#) T8-A, -B, -C |

16 Door Wired	Type	Model	Wiring Options
DV Standard		<a href="#">FPO150/250-2C83D8PE4M1/T16-A</a>	T16-A, -B
DV Networked		<a href="#">FPO150/250-3D8P2M8NL4E4M1/T16-A</a>	T16-A, -B
DV Standard		<a href="#">FPO150/250-2C83D8PE6M1/T16-A</a>	T16-A, -B, -C
DV Networked		<a href="#">FPO150/250-3D8P2M8NL4E6M1/T16-A</a>	T16-A, -B, -C

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		<a href="#">FPO250/250-3C85D8PE12M/T24-A</a>	T24-A, -I
DV Networked		<a href="#">FPO250/250-5D8P3M8NLXE12M/T24-A</a>	T24-A
DV Networked		<a href="#">FPO250/250-3D8P5M8PNLXE12M/T24-A</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 | P20A1, 2B, and C 20A104Aux, 24

DV Networked - High Power [FPD250/250/250-3D8P5M8PNLXE12M/T24-A](#) T24-A, -B, -C | P20A1, 2B, and C 20A224Aux, 4

Rack Mount 4 Door Wired	Type	Model	Wiring
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DV Standard	<a href="#">RGM75B-C8PZ/T4-A</a>	T4-A, -B, -C	2A/12
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DV Networked [RGM75B-M8PNZ/T4-A](#) T4-A, -B, -C 2A/12V

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

[/tab] [tab title="More Information"] **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	<a href="#"><u>DS</u></a>	<a href="#"><u>IM</u></a>	<a href="#"><u>CAD</u></a>	<a href="#"><u>AG</u></a>
Eight Doors	<a href="#"><u>DS</u></a>	<a href="#"><u>IM</u></a>	<a href="#"><u>CAD</u></a>	<a href="#"><u>AG</u></a>
Sixteen Doors	<a href="#"><u>DS</u></a>	<a href="#"><u>IM</u></a>	<a href="#"><u>CAD</u></a>	<a href="#"><u>AG</u></a>
Twenty-Four Doors	<a href="#"><u>DS</u></a>	<a href="#"><u>IM</u></a>	<a href="#"><u>CAD</u></a>	<a href="#"><u>AG</u></a>
Rack Mount 4 Doors	<a href="#"><u>DS</u></a>	<a href="#"><u>IM</u></a>	<a href="#"><u>CAD</u></a>	<a href="#"><u>AG</u></a>

Mercury Enclosures	Model	Datasheet	Manuals
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E1M	<a href="#"><u>DS</u></a>	<a href="#"><u>CAD</u></a>	<a href="#"><u>AG</u></a>
E2M	<a href="#"><u>DS</u></a>	<a href="#"><u>CAD</u></a>	<a href="#"><u>AG</u></a>
E4M	<a href="#"><u>DS</u></a>	<a href="#"><u>CAD</u></a>	<a href="#"><u>AG</u></a>
E4M1	<a href="#"><u>DS</u></a>	<a href="#"><u>CAD</u></a>	<a href="#"><u>AG</u></a>
E5M	<a href="#"><u>DS</u></a>	<a href="#"><u>CAD</u></a>	<a href="#"><u>AG</u></a>
E6M	<a href="#"><u>DS</u></a>	<a href="#"><u>CAD</u></a>	<a href="#"><u>AG</u></a>
E6M1	<a href="#"><u>DS</u></a>	<a href="#"><u>CAD</u></a>	<a href="#"><u>AG</u></a>
E8M	<a href="#"><u>DS</u></a>	<a href="#"><u>CAD</u></a>	<a href="#"><u>AG</u></a>

E8M1	<u>DS</u>	<u>CAD</u>	<u>AG</u>
E8M2	<u>DS</u>	<u>CAD</u>	<u>AG</u>
E8M3	<u>DS</u>	<u>CAD</u>	<u>AG</u>
E12M	<u>DS</u>	<u>CAD</u>	<u>AG</u>

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