

Overview

LifeSafety Power ProWire® solutions for Accentra are prewired for system power, lock power and Accentra controllers for consistent field installation. Prewired models feature pre-terminated wiring harnesses for the NTX700 series controllers, saving wiring time and providing consistent results across multiple locations. ProWire systems use color-coded wiring for power, lock outputs, RS485 communication, faults, and tamper switch.

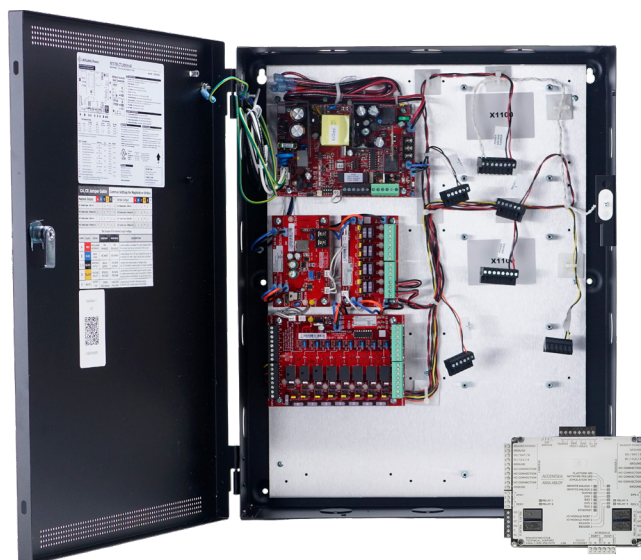
ProWire enclosures are black painted steel with removable backplate, lock, keys and tamper switch and come 100% factory tested – ready for final panel installation and field wire termination.

Features

- Factory-installed pre-terminated wiring harnesses for plug-in connections
- Shielded communication wiring
- Consistent color-coded twisted pair wiring
- Point-to-point wiring documentation
- System power / locks / RS485 / tamper
- Screwdriver-ready panel installation

Certifications / Warranty

- UL | ULC | CE* | BIS | NOM | FCC | CSFM | ROHS
- Lifetime Warranty



ACCENTRA
ASSA ABLOY

The wiring options for ProWire are indicated in the following format:

Power Supplies

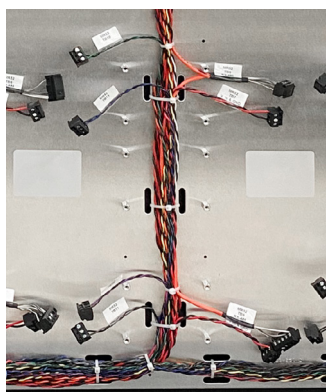
Accessory Boards

Wiring Option

FP0250/250 – 2C8 2D8 E8V / T16-M

| Cable Management | Door Count | Wired for |
|------------------|------------|-----------|
| T Tie Wrap | 4 4 door | M NTX700 |
| | 8 8 door | |
| | 16 16 door | |

Tie Wrap



Ordering

| *Model No. | Network | Voltage | Current | Internal Distribution | | |
|----------------------------|---------|-------------|----------------------------------------|-----------------------|-----------|------|
| | | | | Bulk | Auxiliary | Lock |
| FP075-B100C8D8E2V/T4-M | | 12 & 24 VDC | 6A/12V & 3A/24V | 3 | 8 | 4 |
| FP0150-B100C82D8E6V/T8-M | | | 12A/12V & 6A/24V | 4 | 16 | 8 |
| FP0150/250-2C82D8E8V/T16-M | | | 20A/12V or 10A/24V & 12A/12V or 6A/24V | 4 | 16 | 16 |

Single voltage - factory set to 12VDC
Dual voltage - outputs can be individually set for 12V or 24VDC

*For optional CE (230VAC) power supply/charger, add "E" suffix to model number, i.e FP075-B100C8D8E2V/T4-M/E

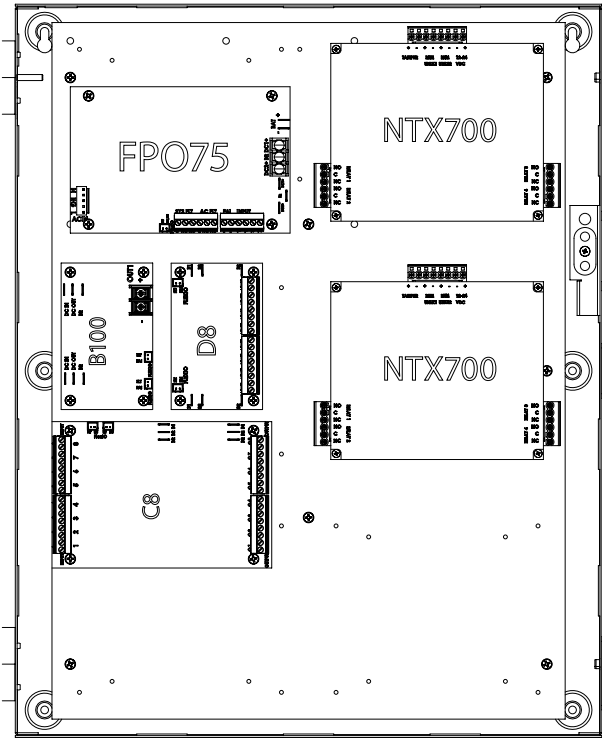
PROWIRE® ACCENTRA – PREWIRED POWER SYSTEMS

Specifications

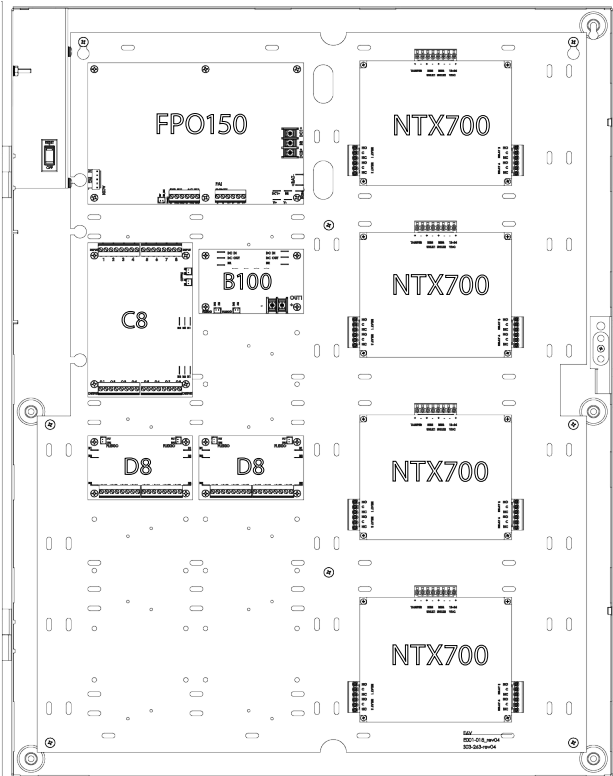
| | | | |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| Input Power | Input 120/230 VAC selectable input 50/60 Hz ±10% Dual voltage: 452W Overload and short circuit protection Over temperature protection | | |
| Output Power | FPO150 FPO250 | Dual voltage: 12V@12A and 24V@10A Continuous duty cycle - no derating 120 mV output voltage ripple System efficiency 87% BTU Rating 66 (single voltage), 175 (dual voltage) | |
| Battery Charging | Microprocessor dual rate charger with integrated low battery cutoff 2A charge rate Charges up to 80 Ah battery sets within UL limit Automatic switchover to standby battery when AC fails Zero voltage dropout when switched over to battery backup | | |
| Power Distribution | All Models: Up to 16 auxiliary outputs, fused at 3A each Standard: Up to 16 relay lock control outputs, fused at 3A each. | | |
| Supervision | AC Fail (form "C" contacts) System fail (form "C" contacts) may be triggered by: low/no battery, power supply failure, blown fuse | | |
| LED Visual Indicator | AC input, DC outputs, AC fault, system fault, earth ground fault, fire alarm activation D8 / C8 / M8: Bicolor DC output: blue (if 24V) / green (if 12V) | | |
| Enclosure Mechanical | Camlock and tamper switch is standard on all sizes E2V: 20H x 16W x 4.5D in (51 x 41 x 11.5 cm) E6V: 30H x 23W x 6.5D in (76.20 x 58.42 x 16.50 cm) E8V: 36H x 30W x 6.5D in (91.44 x 76.20 x 16.51 cm) | | |
| Wiring Suffix | T4-M T = Tie Wrap T6-M T = Tie Wrap T8-M T = Tie Wrap | 4 = Door Count 8 = Door Count 16 = Door Count | M = 2 NTX700 M = 4 NTX700 M = 8 NTX700 |
| Regulatory Compliance | USA/Canada UL294, UL1076 ULC S319 CSA C22.2 #107.1 FCC Part 15 CSFM International CE: IEC 62368-1:2014, EN55032:2015, EN61000-3-2:2014, EN61000-3-3:2013, EN55024:2010 +A1:2015 India BIS IS13252(Part1):2010 Mexico NOM 001:2018 | | |

ProWire System Footprint

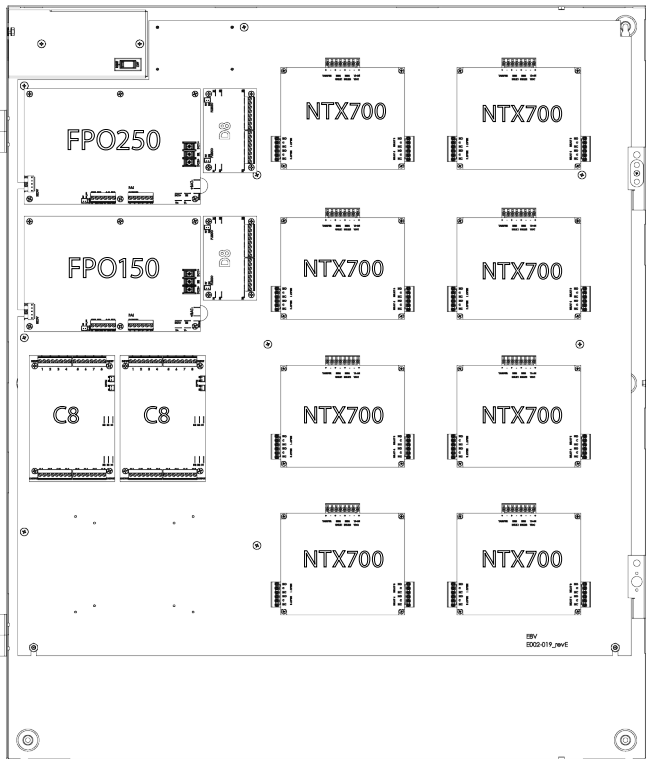
E2V



E6V



E8V



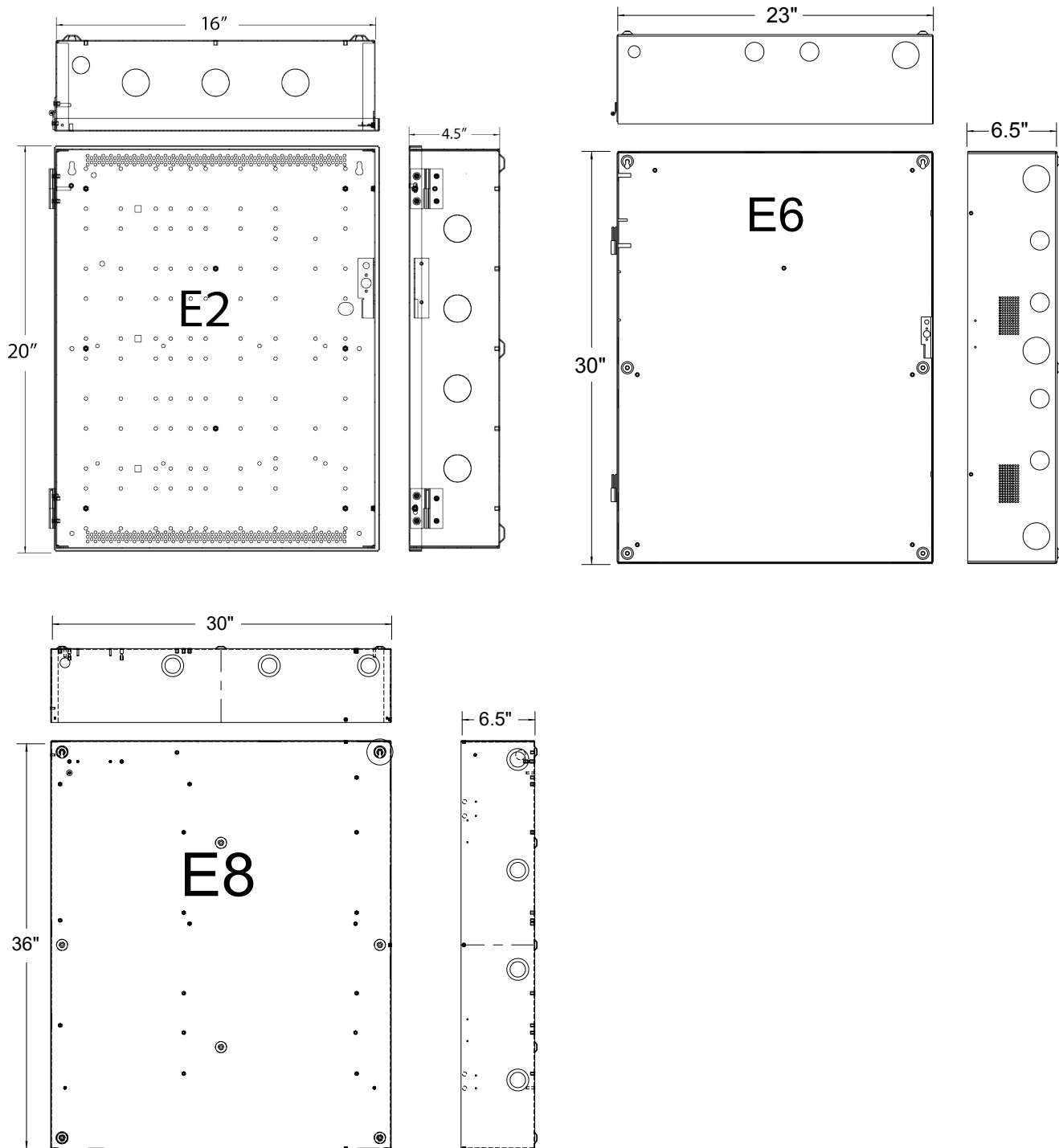
Model Specific Information

To view individual models and their specifications, check out our online Product Configurator.



PROWIRE® ACCENTRA – PREWIRED POWER SYSTEMS

Mechanical



LifeSafetyPower.com

(888) 577-2898

info1@LifeSafetyPower.com

Specifications subject to change without notice.

© 2025 LifeSafety Power. All rights reserved.

LifeSafety Power and FlexPower are registered trademarks of LifeSafety Power.

P01-1120A03 03/25