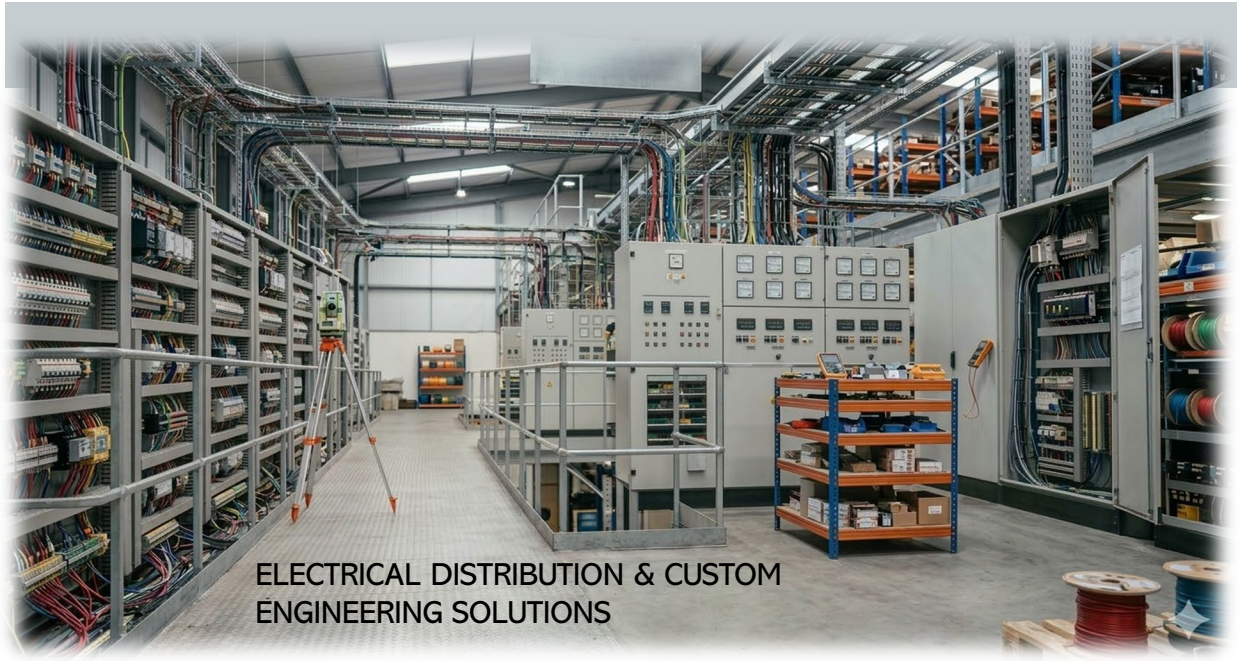

ABSOLUTE DOMINION POWER
Manufacturer Authorized Distributor
& Integrated System Provider

Our Value Proposition

ABSOLUTE DOMINION POWER, LLC (ADP) is the industry-leading authority in industrial electrical distribution and advanced control systems. We specialize in high-performance **Engineered-To-Order (ETO)** assemblies and custom electrical infrastructure designed for the world's most demanding environments.

By mastering the integration of world-class technologies from **Eaton, ABB, Siemens, Schneider Electric, Nvent Hoffman, Appleton Group**, **Adalet**, and **Crouse-Hinds**, ADP delivers superior power solutions that exceed standard industry benchmarks. We provide a seamless fusion of premium global components and elite in-house custom engineering, serving both English and Spanish-speaking markets with unmatched technical precision.

At ADP, we don't just supply equipment—nosotros dominamos la potencia. By unifying the precision of ADP Manufacturing with the field-proven expertise of Allied Contractors, LLC, we provide a single point of elite accountability. From the first CAD drawing to the final onsite termination, you are working with the best."

PRODUCT CATEGORIES

The Gold Standard in Engineered-to-Order Power Solutions

- At **Absolute Dominion Power, LLC (ADP)**, we engineer reliability. Our Custom **ETO** department specializes in high-complexity, site-specific electrical infrastructure that standard manufacturers simply cannot provide. We bridge the gap between world-class components and custom field requirements.

Specialized turnkey solutions including **Switch Racks, Skids, and Tap Boxes**. We offer full in-house engineering services to solve complex site-specific power challenges.

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ELECTRICAL DISTRIBUTION & CUSTOM ENGINEERING SOLUTIONS

ABSOLUTE DOMINION POWER
Manufacturer Authorized Distributor & Integrated System Provider

Panelboards

- High-performance power distribution, lighting, and heat-trace panelboards. Engineered for safety and reliability in environment.
  Available in NEMA 1 (Indoor), NEMA 3R (Outdoor/Weather-resistant), NEMA 4 (Watertight), and NEMA 4X (Corrosion-resistant) enclosures, **NEMA 7&9** Hazardous/explosion-proof location

Transfer Switches

- Critical power redundancy solutions including **Automatic Transfer Switches (ATS)**, Manual Transfer Switches, and **Service Entrance Rated switches**. Ensures seamless transition between utility and emergency standby power.

Switchboards

- Robust low-voltage switchboards rated from **1600A** to **4000A**. Fully **UL 891** Listed. Available in **NEMA 1** through **NEMA 4X** configurations with modular designs for future expansion.

Enclosed Controls

- Versatile motor control solutions including **Combination Starters**, lighting contactors, and control stations. Rated for **NEMA 1, 3R, 4X, 12, and NEMA 7 & 9** for hazardous/explosion-proof locations.

Disconnect Switches

- Reliable circuit isolation with **Fused**, **Non-Fused**, and **Breaker-Type** disconnect options.
  Heavy-duty construction designed for industrial safety and NEC compliance.

Motor Control Centers (MCC)

- Centralized motor control in a modular package. We provide completely new lineups or **"Vintage Type Buckets"** to upgrade and modernize your existing infrastructure without replacing the entire steel structure.

VFDs & Soft Starters

- Advanced motor management via **Variable Frequency Drives (VFDs)** and **Soft Starters**. Built-in **harmonic mitigation** to protect sensitive electronics. Available in custom-engineered **NEMA 3R** or **4X** outdoor packages.

Schneider Electric

SIEMENS

EATON
Powering Business Worldwide

Appleton

nVent HOFFMAN

ABB

UL LISTED SB2A INDUSTRIAL CONTROL PANEL MANUFACTURER
UL LISTED 891 LV SWITCHBOARD MANUFACTURER
UL HazLoc 1203/NNV HAZARDOUS LOCATION

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EJB Panel boards and Lighting Panels

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EJB Series: Explosionproof Enclosures & Junction Boxes

The gold standard for hazardous environments, tailored by our engineering team.

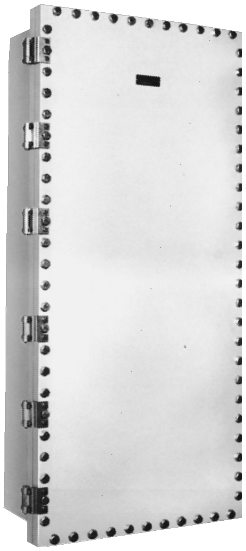
EATON CROUSE-HINDS SERIES

Our "Engineering In-House" Advantage
"Standard Safety, Custom Precision."

While others provide off-the-shelf enclosures, our in-house engineering team specializes in **bespoke modifications**. We can professionally drill, tap, and configure your EJB enclosures for specific conduit entries, terminal blocks, or relays—all while strictly adhering to UL/ATEX safety protocols. **We deliver a field-ready solution, not just a component.**

Key Specifications

- **Protection Ratings:** Class I, Div 1 & 2 (Groups B, C, D); Class II (Groups E, F, G); Class III; NEMA 3, 4, 4X, 7, 9; IP66.
- **Materials:** Copper-free aluminum or Feraloy® iron alloy with stainless steel hardware for maximum corrosion resistance.
- **Certifications:** UL1203, CSA C22.2, ATEX, and IECEx (Hydrogen-rated H2).
- **Design:** Features internal grounding lugs, neoprene watertight gaskets, and quick-release captive bolts.



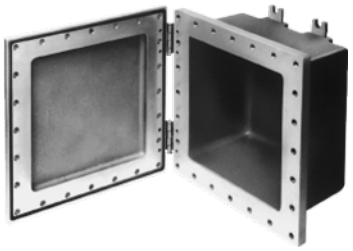
Main Benefits

- **Total Environmental Shield:** Raintight and dust-ignition proof; designed for heavy rain, moisture, and corrosive salt spray.
- **Installation Efficiency:** External flange design and square corners provide maximum interior space for easier wiring.
- **Superior Durability:** Quick-release hex head bolts and detachable mounting feet prevent downtime and simplify maintenance.

EJB121208 with optional hinged cover

Top Applications

- **Energy & Infrastructure:** Offshore drilling, gas manufacturing plants, and missile bases.
- **Industrial Processing:** Sewage/wastewater treatment, coal preparation, and cooling towers.
- **Hazardous Zones:** Areas with hydrogen or high-concentration flammable vapors.



EJB121208 with optional hinged cover and standard neoprene cover gasket

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EIC combination starters

for Class I, Division 1 & 2

EATON CROUSE-HINDS SERIES

Faster lead times and flexible applications for any OEM solution.

In the oil and gas industry, you need every advantage you can get to operate efficiently and safely in harsh and hazardous areas.

You need products and solutions that solve real world problems.

Eaton's Crouse-Hinds Series EIC combination starters are a value series, easy to use and always available solution for panel shops, skid builders and other OEM applications.

Application

Harsh and hazardous motor control environments, including refineries, chemical and petrochemical plants, corrosive process facilities, food and beverage, marine and mining.

Across-the-line starting and stopping of polyphase AC induction motors with overload protection.

Certifications

NEC and CEC:

- Class I, Division 1 & 2, Groups B, C, D
- Class II, Division 1 & 2, Groups E, F, G
- Class III
- UL Standard 1203
- cUL to CSA C22.2 No. 30, No. 25
- NEMA 3, 3R, 4, 4X, 7BCD, 9EFG
- -20°C ≤Ta ≤ +60°C

IECEx:

- Ex db IIB+H2 Gb
- Ex tb III C Db IP66
- -20°C ≤Ta ≤ +60°C
- IECEx ETL 13.0022U

ATEX:

- II 2 G D Ex db IIB+H2 Gb
- Ex tb IIIC Db IP66
- -20°C ≤Ta ≤ +60°C
- ITS13ATEX17813U certified

Top Applications

•**Energy & Infrastructure:** Offshore drilling, gas manufacturing plants, and missile bases.
•**Industrial Processing:** Sewage/wastewater treatment, coal preparation, and cooling towers.
•**Hazardous Zones:** Areas with hydrogen or high-concentration flammable vapors.

Enclosure: Size A
NEMA starter size: 0-2

Enclosure: Size B
NEMA starter size: 3

Enclosure: Size C
NEMA starter size: 4

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EATON –PANELBOARD AND LIGHTING CONTACTOR

ADP- VL67

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Product Selection Guide

Product Types

Type PRL1X

Bolt-On or Plug-On Circuit Breakers 240 Vac Maximum

Main lugs only
600 A maximum

Main Circuit breaker
600 A maximum

Branch circuit breakers
100 A maximum,
Single-, two- and three-pole

Fusible Lighting Panelboard PRL1XF

240 and 480Y/277 Vac Maximum

Main lugs only
400 A maximum

Branch overcurrent protective devices
30 A maximum,
Single-, two- and three-pole
utilizing Class CC fuses

Type PRL1X-LX Column Type

Bolt-On Circuit Breakers 240 Vac Maximum

Main lugs only
225 A maximum

Main circuit breaker
225 A maximum

Branch circuit breakers
100 A maximum,
Single-, two- and three-pole

Type PRL2X

Bolt-On Circuit Breakers 240 or 480Y/277 Vac; 125/250 Vdc Maximum

Main lugs only
600 A maximum

Main circuit breaker
600 A maximum

Branch circuit breakers
100 A maximum,
Single-, two- and three-pole

Retrofit Panelboard PRL1RX and PRL2RX

Bolt-On Circuit Breakers 480Y/277 Vac; 240 Vac, 480Y/277 Vac

Main lugs only
225 A maximum

Main circuit breaker
225 A maximum

Branch circuit breakers
100 A maximum,
Single-, two- and three-pole

Type PRL3E

Bolt-On Circuit Breakers 240, 480Y/277 or 480 Vac; 250 Vdc Maximum

Main lugs only
600 A maximum

Main circuit breaker
600 A maximum

Branch circuit breakers
125 A maximum,
Single-, two- and three-pole

Type PRL3X

Bolt-On Circuit Breakers 240, 480 or 600 Vac; 250 Vdc Maximum

Main lugs only
800 A maximum

Main circuit breaker
600 A maximum

Branch circuit breakers
225 A maximum,
Single-, two- and three-pole

Type PRL3XF

Bolt-On Fusible Switches 240, 480 or 600 Vac; 125 Vdc Maximum

Main lugs only
400 A maximum

Main fusible or non-fusible switch 400 A maximum

Eaton Bussmann™ Type Compact Circuit Protector Base (CCP2B); Branch Fuses Bussmann TCF or FCF CUBEFuse®

100 A maximum
Single-, two- and three-pole

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Product Types, continued

Pow-R-Command

Bolt-On Circuit Breakers
240 or 480Y/277 Vac

Main lugs only
400 A maximum

Main circuit breaker
400 A maximum

Branch circuit breakers
225 A maximum,
Single-, two- and three-pole

Single- and two-pole remote operated circuit breakers

Integral load switching and dimming controls

Elevator Control Panelboard

Bolt-On Fusible Switches
600 Vac Maximum

Controls for up to four elevators in a single panelboard

Main lugs only
800 A maximum

Branch overcurrent devices
15-200 A fusible switches with Class J fuse clips maximum

Designed to meet specific sections of various codes impacting elevators

Type PRL4X

Circuit Breakers or Fusible Switches
240, 480 or 600 Vac; 600 Vdc Maximum

Main lugs only
1200 A maximum

Main circuit breaker
1200 A maximum

Main fusible switch
1200 A maximum

Branch circuit breakers
1200 A maximum,
Single-, two- and three-pole

Branch fusible switches
1200 A maximum,
two- and three-pole

Fusible Lighting Panelboard PRL2XF
240 and 480Y/277 Vac Maximum

Main lugs only
400 A maximum

Branch overcurrent protective devices
30 A maximum,
Single-, two- and three-pole utilizing Class CC fuses

Type PRL2X-LX, Column Type
Bolt-On Circuit Breakers
240 or 480Y/277 Vac; 125/250 Vdc Maximum

Main lugs only
225 A maximum

Main circuit breaker
225 A maximum

Branch circuit breakers
100 A maximum,
Single-, two- and three-pole

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Pow-R-Line Xpert Panelboards

Type PRL4X

Type PRL4X Circuit Breaker and Type PRL4F Fusible Panelboards

Product Description

Lighting and Distribution Panelboards

Eaton's assembled panelboards are designed for sequence phase connection of branch circuit devices. This allows complete flexibility of circuit arrangement (single-, two- or three-pole) to allow balance of the electrical load on each phase.

Sturdy, rigid chassis assembly ensures accurate alignment of interior with panel front. This prevents flexing and minimizes possibility of loosening or damage to current carrying parts during and after installation.

Four-point in-and-out adjustment of panel interior is provided to meet critical depth dimensions on flush installations. This compensates for possible misalignment of box at installation.

Main lugs are mechanical solderless type and approved for copper or aluminum conductors.

Enclosures

Boxes are code-gauge steel, which include a painted box finished in ANSI-61 light gray to match the trim.

Standard panelboard cabinets are designed for indoor use. Alternate types are available for indoor and special purpose applications.

All enclosures are furnished in accordance with Underwriters Laboratories standards and include wiring gutters with proper wire bending space. Special cabinets can be provided at an additional charge.

The box dimensions shown are inside dimensions. For outside dimensions, add 1/4-inch (6.4 mm).

Standard panelboard boxes are supplied without knockouts (blank endwalls).

Fronts

Fronts (trims) for all panelboards are made of code-gauge steel and have a high durability ANSI-61 light gray finish applied by a baked-on polyester powder coating paint system.

The fronts for lighting and appliance branch circuit panelboards and small power distribution panelboards include a door with rounded corners and concealed hinges. A flush-type latch and lock assembly is included. All locks are keyed alike. The trims are available in both surface- and flush-mounted designs.

Fronts for power distribution panelboards utilize a unique breaker front cover design in which each device has a dedicated bolt-on steel cover. The individual covers form a single deadfront for the panelboard that is used in conjunction with two wiring gutter covers to complete the trim. A door is not included as part of the standard offering, but can be provided at an additional cost. A deeper than standard box is also required.

The Three-Piece Trim for Larger Power Distribution Panelboards Provides for Easy Handling and Installation

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Pow-R-Line Xpert Panelboards

Type PRL4X

Type PRL4X Circuit Breaker and Type PRL4F Fusible Panelboards

Type PRL4X

Product Description

- 600 Vac maximum (600 Vdc)
- Three-phase, four-wire, three-phase three-wire, single-phase three-wire, single-phase two-wire
- PRL4X circuit breaker panelboard
- PRL4F fusible switch panelboard
- 1200 A maximum mains
- 1200 A maximum branch devices
- Bolt-on branch devices
- Factory assembled
- Refer to **Page V2-T3-7** for additional information

Application Description

- Power distribution panelboard
- Fully rated or series rated
- Interrupting ratings up to 200 kA symmetrical
- Suitable for use as Service Entrance Equipment, when specified on the order
- See **Pages V2-T3-7** through **V2-T3-17** for additional information

Standards and Certifications

- UL 67, UL 50
- CSA C22.2 No. 29
- Federal Specification
- W-P-115c
- Refer to **Page V2-T3-10** for additional information

UL Listed

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Product Selection

Type PRL4X

PRL4X Main Lugs and Main Breakers

Ampere Rating	Interrupting Rating (kA Symmetrical) 240 Vac	480 Vac	600 Vac	250 Vdc	600 Vdc	Breaker Type
Main Lug Only						
250	—	—	—	—	—	—
400	—	—	—	—	—	—
600						
800	—	—	—	—	—	—
1200	—	—	—	—	—	—
Main Breaker [1]						
250	—	—	—	42	35	HJDDC [2]
400	65	—	—	10	—	PDD3xG
400	65	35	25	10	—	PDG3xG [j]
400	65	35	25	—	—	PDF3xG [3 4]
400	100	65	35	22	—	PDG3xM [j]
400	—	—	—	42	35	HKDDC [2]
400	100	65	35	42	—	LHH
400	100	65	35	—	—	PDF3xM [3 4]
400	200	100	65	22	—	PDG3xP [j]
400	200	200	200	—	—	LA-P
600	65	35	18	22	—	PDG3xG [1 j]
600	100	65	35	22	—	PDG3xM [1 j]
600	200	100	50	42	—	PDG3xP [j]
600	65	35	25	—	—	CLD [3]
800	65	50	25	22	—	PDG4xG
800	100	65	35	25	—	PDG4xM
800	—	—	—	42	35	HMDLDC [2]
800	65	50	25	—	—	PDF4xG [3]
800	100	65	35	—	—	PDF4xM [3]
800	200	200	200	—	—	NB-P
800	100	65	35	—	—	PDG5xM
800	200	100	65	—	—	PDG5xP
800	200	100	65	—	—	PDG5xP
800	100	65	35	—	—	PDG5xM
800	85	50	25	—	—	NGS
800	65	50	25	—	—	CND [3 5]
800	200	100	65	—	—	CNGC [3 5]
800	100	65	35	—	—	CNGH [3 5]
800	85	50	25	—	—	CNGS [3 5]
1200	100	65	35	—	—	PDG5xM
1200	200	100	65	—	—	PDG5xP
1200	85	50	25	—	—	NGS
1200	65	50	25	—	—	CND [3 5]
1200	200	100	65	—	—	CNGC [3 5]
1200	100	65	35	—	—	CNGH [3 5]
1200	85	50	25	—	—	CNGS [3 5]
1200	—	—	—	42	50	NBDC [2]

PRL4X Main Fusible Switches

Ampere Rating	Interrupting Rating (kA Symmetrical) 240 Vac	480 Vac	Device Type
Main Fusible Switch 240 Vac, 250 Vdc [6 7 8]			
200			FDPB
400			FDPW
600 [9]			FDPW
800 [9]			FDPW
1200 [9]			FDPW
Main Fusible Switch 600 Vac [6 7]			
200			FDPB
400			FDPW
600 [9]			FDPW
800 [9]			FDPW
1200 [9]			FDPW

Notes

1 For ground fault protection on main devices, see **Modification 14—Applies to 310 and 310+ Trip Units on Page V2-T3-93** or **Modification 15 on Page V2-T3-93.**

2 For use on DC systems only.

3 100% rated breaker. Requires copper bus. Not available in Type 12, 4 and 4X enclosures.

4 Breaker only available in three-pole frame.

5 Requires 44-inch (1117.6 mm) wide box.

6 For ground fault protection on main devices, see **Modification 15 on Page V2-T3-93.**

7 Fuses not included. **Specify required fuse clips on all switches.**

8 Class J Fuse provisions are applicable only to 600 V units. When required, use dimensions of 600 V units for all voltages 600 and below.

9 No DC rating on 600, 800 and 1200 A switches.

j The 400 A frame must use trip units of ratings 100-400, while the 600 A frame must use trip units of ratings 500, 600 or designated by H, such as H250. The H as the leading character of the ampacity indicates a high instantaneous version of the breaker for coordination purposes. H ratings must use 600 A frame.

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LOW VOLTAGE SWITCHBOARDS

(UL891)

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Low Voltage Switchboards

(UL891)

ADP's Low Voltage Switchboards (UL891) are a robust and customizable power distribution solution engineered for commercial and light industrial facilities operating at 600 volts or less. Combining ADP's durable construction and engineering expertise, these switchboards are designed to distribute power safely, reliably, and efficiently across a broad range of environments. UL891 certification ensures code compliance and safe operation, while scalable configurations and integrated protection features make it easy to tailor the switchboard to meet your facility's unique power requirements.

Whether it's a new installation or an upgrade to existing infrastructure, ADP's Low Voltage Switchboards provide a flexible, high-performance solution that supports complex load profiles and future expansion—without compromising safety, uptime, or budget.

Low Voltage Switchboard
(UL891)

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LOW VOLTAGE SWITCHBOARDS

(UL891)

ABSOLUTE DOMINION POWER
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Benefits

ADP's Low Voltage Switchboards (UL891) are built for performance, reliability, and customization—offering essential benefits for mission-critical applications and facilities with dynamic power needs.

- **Safe, Reliable, and Code-Compliant Power Distribution:** UL891 certification ensures conformance to stringent industry standards for low-voltage power distribution systems (under 600V), delivering reliable performance while enhancing facility safety. Integrated protection features minimize arc fault risks, reduce inspection delays, and support uptime in sensitive or high-demand environments.
- **Tailored System Design for Any Facility:** Custom-engineered layouts allow precise alignment with facility needs, including space constraints, unique load profiles, integration with existing systems and indoor or outdoor installation.
- **Flexible, Platformed Design for Diverse Applications:** UL891 switchboards offer a modular platform with accessible front- or rear-entry designs, configurable bus layouts, and adaptable breaker compartments—making it easy to tailor the system to a wide range of commercial and industrial power distribution needs. This flexible architecture simplifies installation, supports varying site conditions, and enables scalable future upgrades.

Key Features

- UL891 Listed Construction.
- Voltages up to 600VAC.
- Sections rated to 5000A horizontal, 3000A vertical; Single Mains to 5000A; Individually mounted Feeder Breakers to 4000A.
- Main and branch circuit protection with fixed or draw-out breakers.
- Integrated Power Distribution Panelboard options.
- Digital metering, energy monitoring, surge protection, and communication integration.
- Indoor or outdoor enclosures are available in NEMA 1 or 3R ratings.
- Custom-built for front-only or front/rear access configurations.
- Options for Service Entrance available.

Applications

ADP Low Voltage Switchboards are engineered for organizations that demand safe, scalable, and code-compliant electrical distribution in mission-critical or space-constrained environments. Whether you're powering a data center, hospital, university, government facility, or light industrial plant, ADP delivers reliable low-voltage performance (≤600V) with fully customizable configurations, integrated protection and metering, and UL891 compliance.

Designed to support centralized electrical rooms, growing power needs, and unique site layouts, these switchboards are ideal for:

- Data centers and IT hubs with high-density distribution requirements
- Healthcare, education, and government buildings with strict safety standards
- Commercial properties with limited electrical room space
- Light industrial and manufacturing facilities with multiple load centers
- Contractors and engineers needing tailored solutions with a compact footprint

Available Options

- Breaker Options: 3-Pole or 4-Pole breakers with 100% ground-rated conductor option. Available with molded case or insulated case breakers, in fixed or draw-out configurations. Electronic Operation option. Electronic Trip Units (ETUs) with LSI, LSIG, or LSIA protection, and communications capability.
- Enclosure Options: Environmental Ratings – Indoor and Outdoor NEMA 1 or 3R Mild Steel. Multiple sizes available depending on needs.
- Control and Monitoring Add-Ons: Supports a wide array of device solutions, including Surge Protection Device (SPD), Analog and Digital Power Metering, Sequence Event Recording, and Power Quality Monitoring.
- Integrated System Pairings: Compatible with ADP docking stations, transfer switches, and temporary power solutions for seamless backup and emergency power integration.
- Customization Support: Custom layouts, footprints, and bus riser configurations available. Engineered to meet site-specific requirements and retrofit applications.

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P-MTS DOCKING STATIONS

100 - 1200 AMPS

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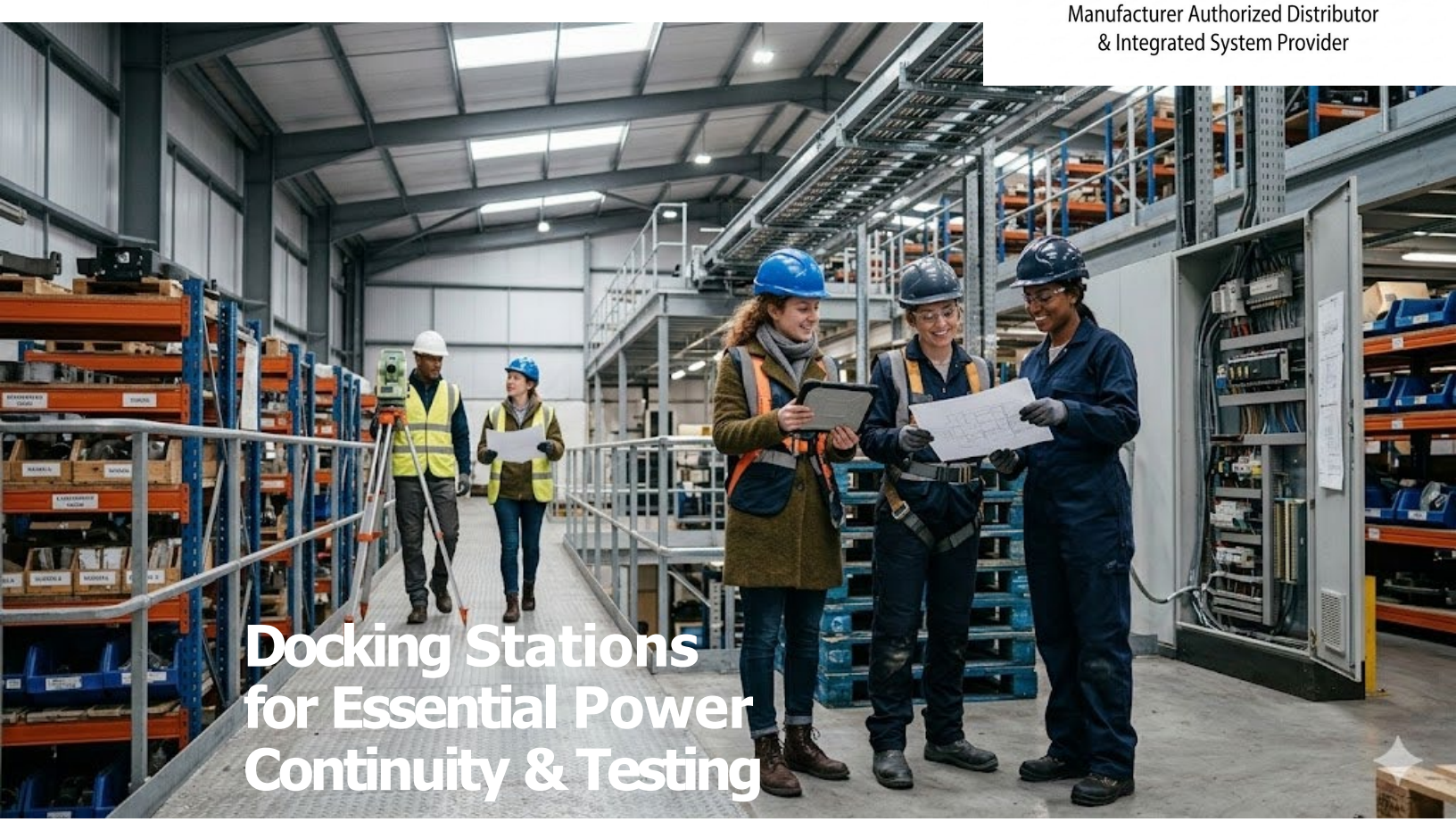

Manual Transfer Switch Docking Stations

(100 - 1200 AMP)

ADP's Manual Transfer Switch (MTS) Docking Station is a comprehensive, all-in-one solution that integrates a manual transfer switch with a docking station, facilitating safe and eicient transitions between utility power and temporary generators.

Designed to meet NEC and UL standards, this system simplifies power transfer processes, reduces installation complexity, and ensures operational safety in mission-critical environments. Ideal for facilities where manual control over power switching is preferred, the P-MTS Docking Station offers enhanced flexibility and reliability during power disruptions.

Manual Transfer Switch Docking Stations

100 - 1200 Amp

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P-MTS DOCKING STATIONS

100 - 1200 AMPS

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& Integrated System Provider

Benefits

ADP'S P-MTS Docking Station delivers reliable, cost-effective backup power with enhanced control and durability.

- **Cost Effective Backup Power Solution:** By eliminating automated switching mechanisms, ADP'S P-MTS Docking Station offers a budget-friendly alternative to automatic transfer switches. This reduction in complexity not only lowers initial investment costs but also minimizes maintenance expenses over the system's lifespan.
- **Enhanced Operational Control:** The manual operation of the transfer switch empowers facility managers to oversee power transitions directly, allowing for thorough inspections and informed decision-making before switching power sources. This hands-on approach ensures that transfers are conducted smoothly and safely, tailored to the facility's specific needs.
- **Durable and Low Maintenance Design:** Constructed with robust materials and featuring fewer electrical components than automatic systems, the P-MTS Docking Station is engineered for durability. Its simplified design reduces potential
failure points, making it particularly suitable for harsh environments and remote locations where reliability is paramount.

Key Features

- Rotary Manual Transfer Switch
- Up to 600Y/347V @ 60Hz, 1200A, and 65kAIC Interrupting Capacity
- Single-purpose and dual-purpose docking station configurations and integrated breaker isolation and overcurrent protection. Service Entrance Rated (SER) options available
- No breaker configuration available for systems with protection external to the docking station
- Industry-standard 16 Series temporary camlock connections with patented, flip-lid covers
- Features a patented tamper-resistant rake system to prevent cable theft and unauthorized disconnection
- IBC seismic certification, with wind ratings up to 180MPH for wall-mount enclosures
- Fully compliant with UL 1008 and NEC 700.3(F) standards. NEC 702.12C compliant with safety interlock door added

Applications

P-MTS Docking Stations are used at facilities that require manual power transfer solutions typically balance the need for reliable backup power with operational flexibility and cost considerations such as:

- Municipal and Government Buildings
- Business and Office Centers
- Multi-family or Retirement Communities
- Retail Store and Shopping Centers
- Educational Institutes and Campus Facilities
- Industrial and Manufacturing Sites

Available Options

- Breaker Options Including:
  - 3 or 4 Pole
  - 100% Ground Rated Conductor Option
  - ETU's - Electronic Trip Units
  - Long, Short, Instantaneous Ground Tripping (LSIG)
  - Communications Capability
- Enclosure Options:
  - NEMA 3R or 4X & UL50
  - Mild Steel or Aluminum, or 304/316 Stainless Steel for Superior Environmental Protection
  - Wall Mount, Flush Mount, Pedestal Mount (optional leg kit) or Pad Mount Options Available
- 20+ Accessory Options Including:
  - Phase Rotation Monitor
  - Kirk-Key Mechanical Interlocks
  - SCADA Port
  - 2 or 3 Wire Auto Start Connections
  - Thermostat and Strip Heater
  - Shore Power Connections - 30A & 20A Receptacles
  - Utility Indicator Light
  - Load Shed Receptacle

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AUTOMATIC TRANSFER SWITCH

NEC 700.3

ABSOLUTE DOMINION POWER

Manufacturer Authorized Distributor & Integrated System Provider

ADP's Generator Docking Stations quickly and safely connect a portable energy source to any business or public building, protecting you from an expensive and potentially dangerous power outage. Built with the installing electrical contractor in mind, our unique design helps prevent theft and hazardous disconnects.

READ THE EXCERPT BELOW TO LEARN HOW RECENT CHANGES TO THE NEC CODE MAY AFFECT YOUR BUSINESS AND LEARN HOW WE CAN HELP.

CODE LANGUAGE: 700.3 TESTS AND MAINTENANCE

(F) TEMPORARY SOURCE OF POWER FOR MAINTENANCE OR REPAIR OF THE ALTERNATE SOURCE OF POWER.

If the emergency system relies on a single alternate source of power, which will be disabled for maintenance or repair, the emergency system shall include permanent switching means to connect a portable or temporary alternate source of power, which shall be available for the duration of the maintenance or repair. The permanent switching means to connect a portable or temporary alternate source of power shall comply with the following:

1. Connection to the portable or temporary alternate source of power shall not require modification of the permanent system wiring.
2. Transfer of power between the normal power source and the emergency power source shall be in accordance with 700.12.
3. The connection point for the portable or temporary alternate source shall be marked with the phase rotation and system bonding requirements.
4. Mechanical or electrical interlocking shall prevent inadvertent interconnection of powersources.
5. The switching means shall include a contact point that shall annunciate at a location remote from the generator or at another facility monitoring system to indicate that the permanent emergency source is disconnected from the emergency system.

It shall be permissible to utilize manual switching to switch from the permanent source of power to the portable or temporary alternate source of power and to utilize the switching means for connection of a load bank.

INFORMATIONAL NOTE : THERE ARE MANY POSSIBLE METHODS TO ACHIEVE THE REQUIREMENTS OF 700.3 (F). SEE FIGURE 700.3 (F) FOR ONE EXAMPLE. CLICK HERE FOR AN IN-DEPTH EXPLANATION OF EACH POINT OF COMPLIANCE.

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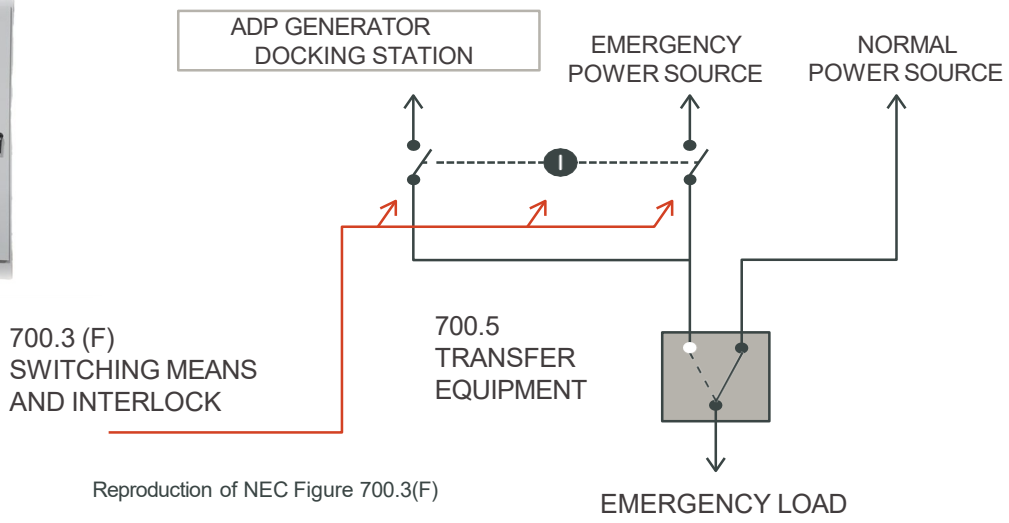
TEMPORARY SOURCE OF POWER FOR MAINTENANCE OR REPAIR OF THE ALTERNATE SOURCE OF POWER



Reproduction of NEC Figure 700.3(F)

Figure 700.3(F) (See NEC and illustration provided at this change for complete figure)
Exception: The permanent switching means to connect a portable or temporary alternate source of power, for the duration of the maintenance or repair, shall not be required where any of the following conditions exists:

1. All processes that rely on the emergency system source are capable of being disabled during maintenance or repair of the emergency source of power.
2. The building or structure is unoccupied and fire suppression systems are fully functional and do not require an alternate power source.
3. Other temporary means can be substituted for the emergency system.
4. A permanent alternate emergency source, such as, but not limited to, a second on-site standby generator or separate electric utility service connection, capable of supporting the emergency system, exists.

The requirement of article 700 EMERGENCY SYSTEM applies to buildings such as: Hospitals and healthcare facilities, public safety communications, places of large assembly (including hotels, theaters, sports arenas, etc.) and industrial processes where the interruption of power would create serious health hazards.

FOR ASSISTANCE OR TO OBTAIN DRAWINGS OR ELECTRICAL ONE-LINES PLEASE CONTACT, ADP 832-292-6696 OR EMAIL US AT Sales@adp-hq.com

Excerpt taken from Analysis of Changes, NEC-2017

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AUTOMATIC TRANSFER SWITCH

NEC 700.3

ABSOLUTE DOMINION POWER

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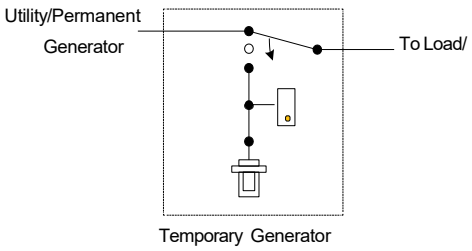
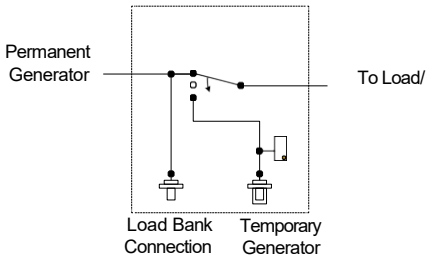
P-ATS-1



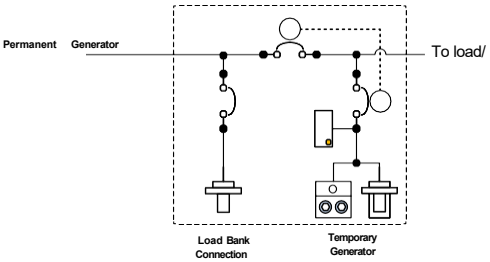
Base P-ATS with 3 position rotary to transfer between permanent and temporary source

P-AMTS-2



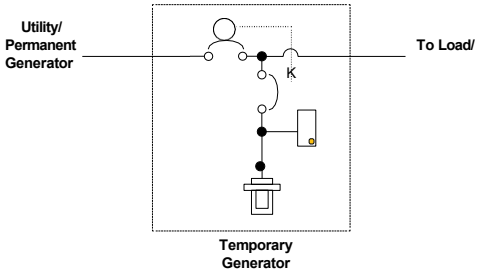
Dual purpose to allow load banking of permanent generator and connection of temporary source

P-ATDS-3



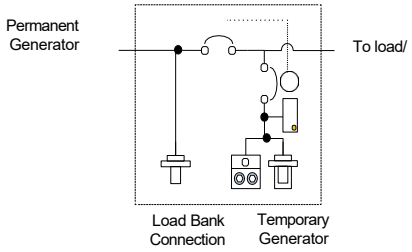
Dual Purpose with permanent generator, temporary generator and load bank overcurrent protection

P-ATDS-4



Dual Interlocked Breakers between permanent and temporary generator

P-ATDS-5



Dual purpose dual breaker with male & female camloks to connect a load bank or temporary power sourceIncludes main breaker for the temporary load and permanent line connections.

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AUTOMATIC TRANSFER SWITCH

FEATURES AND OPTIONS

ABSOLUTE DOMINION POWER
Manufacturer Authorized Distributor
& Integrated System Provider

APPLICATION RANGE

- FT 100-400A Make-before-Break
- OT 100-1200A Break-before-Make
- MCCB 800-1200A Open T
- ACB 1200-4000A Open T
- Up To 600V

STANDARD FEATURES

- Factory installed phase rotation monitor
- All aluminum NEMA 3R or stainless 4X construction
- 3 position rotary transfer switch (on-off-on) to safely transfer between permanent and temporary source
- Patented tamper-resistant rake system to prevent cable theft and unauthorized disconnection
- Industry standard 16 Series CamLok connections compatible with any rental generator or load bank

AVAILABLE OPTIONS

- SER MAIN BREAKER OPTIONAL
- Strip heater & unit thermostat (375 Watt)
- Secondary convenience receptacles for added power options
- Patented solenoid safety interlock door to comply with NEC 702.12C
- Utility indicator lights
- Visit trystar.com for a full list of additional options and features

LISTINGS

- Listed to UL 1008 standards
- UL 50 listed enclosure
- NEC 700.3F compliant by application
- NEC 702.12C compliant with safety interlock door adder

SAMPLE INDUSTRIES

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MANUAL TRANSFER SWITCH
Example One-line Diagrams

ABSOLUTE DOMINION POWER
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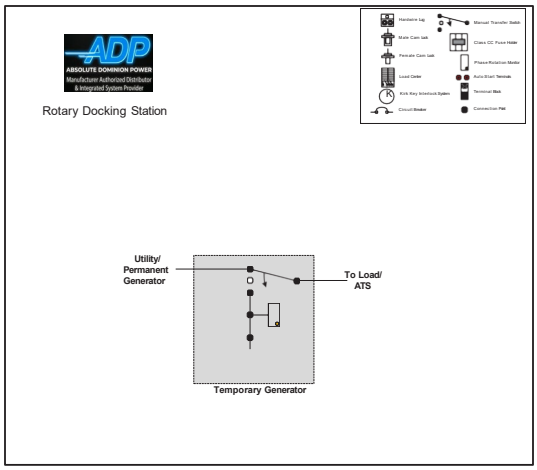
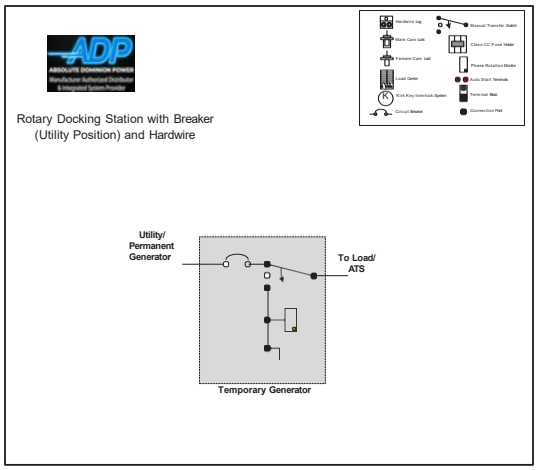
& Integrated System Provider

100A-4000A

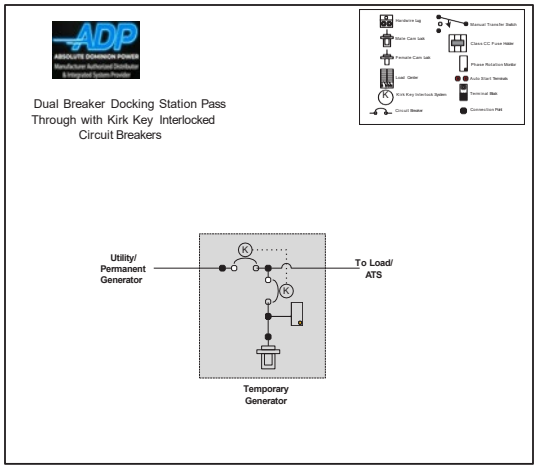
P-MTS-1 up to 1200A



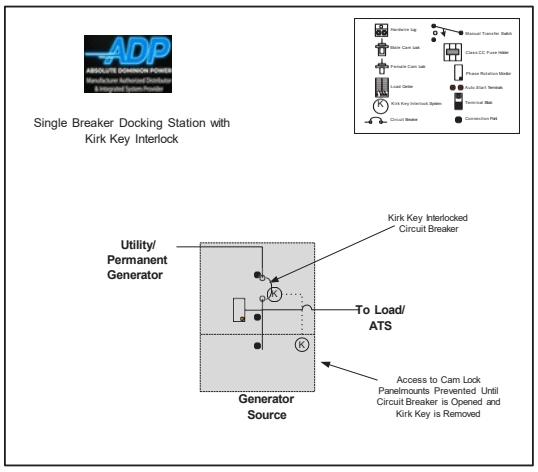
P-MTS-2 up to 1200A



P-DBDS-1



P-SBDS-4



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MANUAL TRANSFER SWITCH
Example One-line Diagrams

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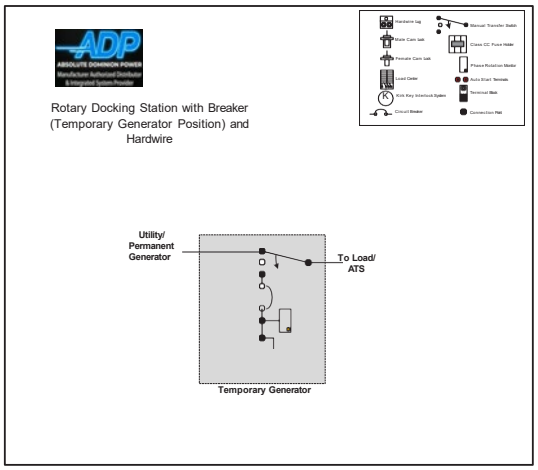
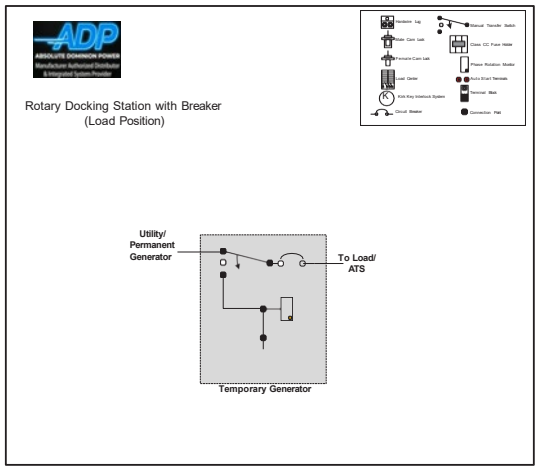
& Integrated System Provider

100A-4000A

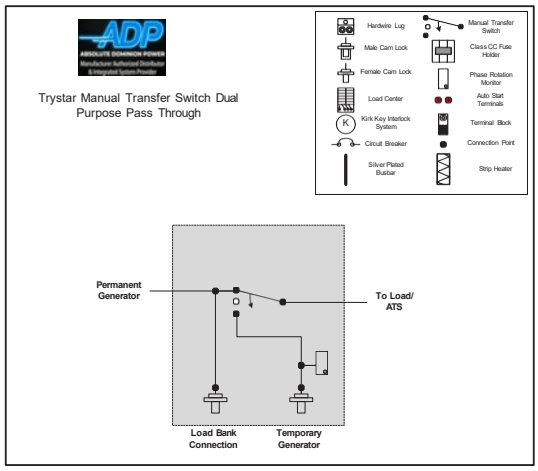
P-MTS-3 up to 1200A



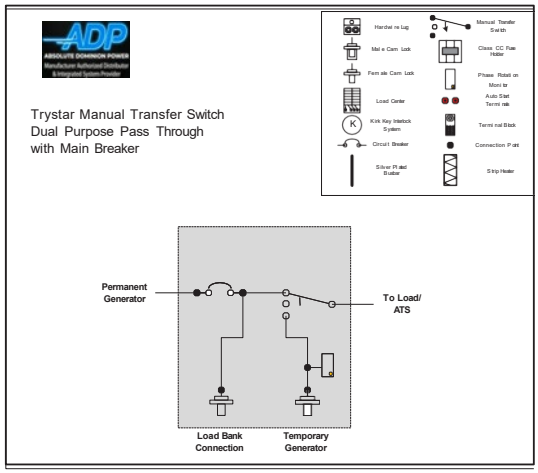
P-MTS-4 up to 1200A



P-MTS-5 up to 1200A



P-MTS-6 up to 1200A



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MANUAL TRANSFER SWITCH

P-MTS LINE

ABSOLUTE DOMINION POWER
Manufacturer Authorized Distributor
& Integrated System Provider

INTEGRATE YOUR MANUAL TRANSFER SWITCH AND DOCKING STATION EQUIPMENT INTO A SINGLE TURNKEY INSTALLATION

With any emergency power system, the ability to safely transfer between normal and emergency power systems is critical to minimizing facility downtime and maintaining operational continuity. UL 1008 listed P-MTS product line features an integrated 3 Position Rotary Transfer Switch and Generator Docking Station connectivity in a single turn-key design to ensure your facility is ready to respond during the next outage. The flexible design of the P-MTS offers several configurations to seamlessly integrate into your facility's electrical infrastructure and allow the safe, fast, and legal connection of a temporary generator or load bank.

REDUCE TOTAL COST OF OWNERSHIP

- Integrating the Manual Transfer Switch and Docking Station into one piece of equipment significantly reduces installation costs. Less panel means smaller installation footprint saving valuable space on your facility.

IMPROVE EMERGENCY EQUIPMENT ROI:

- Camlok connections are designed for the repetitive use of temporary applications, eliminating the wear & tear on mechanical components, the number one cause of electrical failures.

MINIMIZE FACILITY DOWNTIME

- Eliminate the need for an electrician to install a temporary generator through our industry-standard Camlok connections.

MITIGATE OPERATIONAL SAFETY RISKS:

- Manual-on-off-on operation removes the risk of operation errors by preventing the interconnection or backfeeding of power sources.

MAINTAIN BUSINESS CONTINUITY

Ensure your business is ready to respond and maintain operations during your next power outage by having the equipment in place to safely, legally, and quickly connect an emergency power source.

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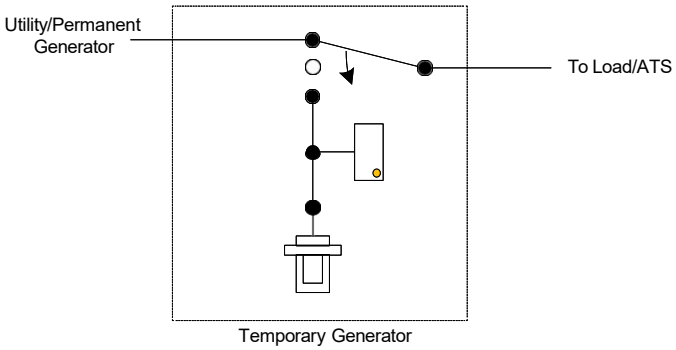
MANUAL TRANSFER SWITCH

ONE LINES

ABSOLUTE DOMINION POWER

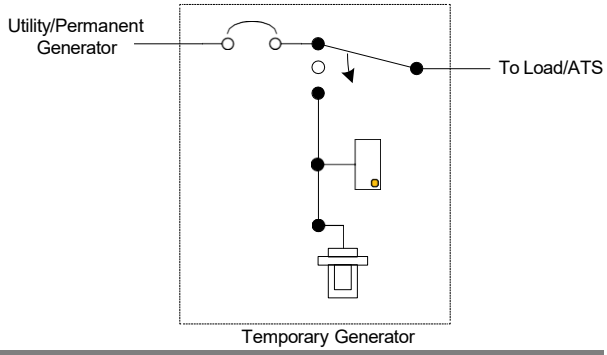
Manufacturer Authorized Distributor & Integrated System Provider

P-MTS-1



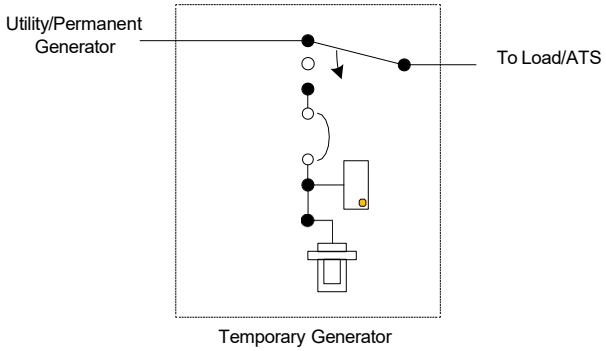
Base P-MTS with 3 position rotary to transfer between permanent and temporary source

P-MTS-2



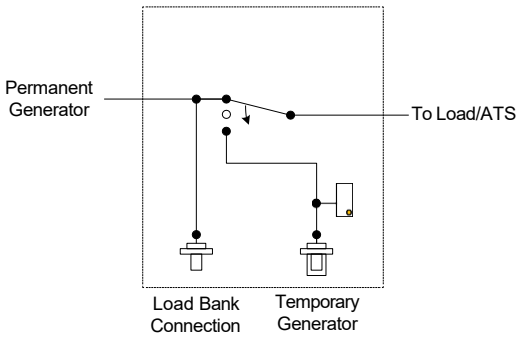
Service entrance rated P-MTS with 3 position rotary to transfer between utility and temporary source

P-MTS-3

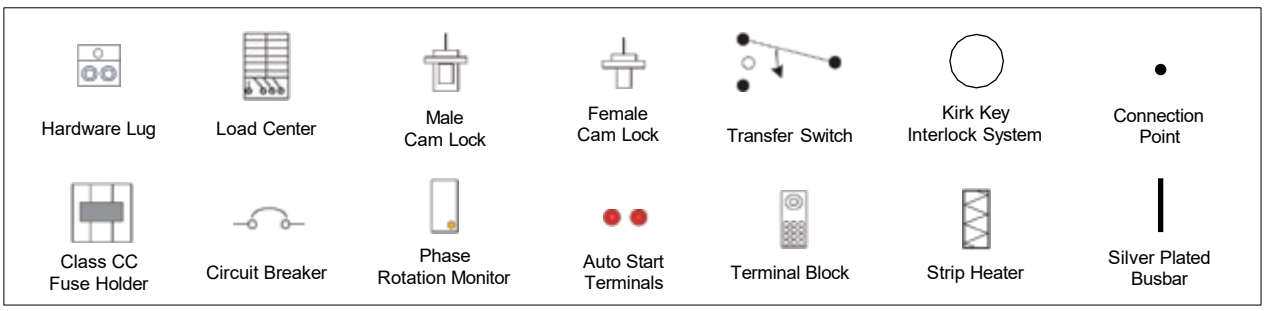


P-MTS with temporary generator breaker to allow transfer between permanent and temporary source

P-MTS-4



Dual purpose to allow load banking of permanent generator and connection of temporary source



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MANUAL TRANSFER SWITCH

DIMENSIONS

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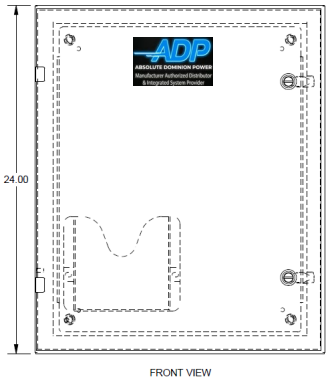

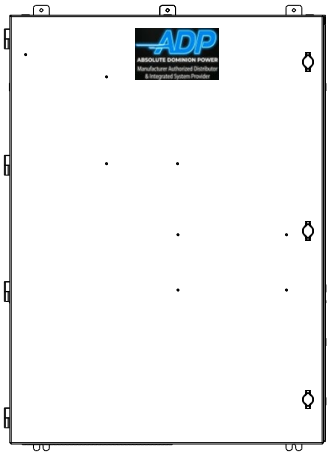

Small **Medium**

TMTS Line	SMALL	MEDIUM
P-MTS-1 **P-MTS-2** **P-MTS-3**	100-200A 260-400A	600-800A
P-MTS-4	100-400A	600-800A
Dimensions	24W X 12D X 24H	36W X 20D X 48H
	36W X 16D X 36H	36W X 20D X 60H
Approx. Weight	350lb	750lb

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MANUAL TRANSFER SWITCH

DIMENSIONS

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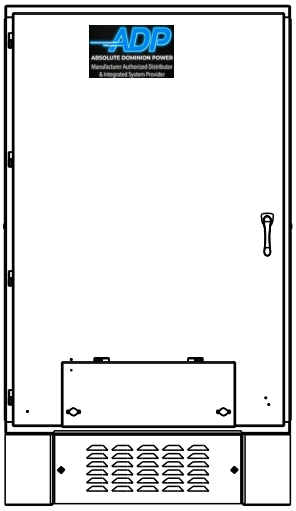
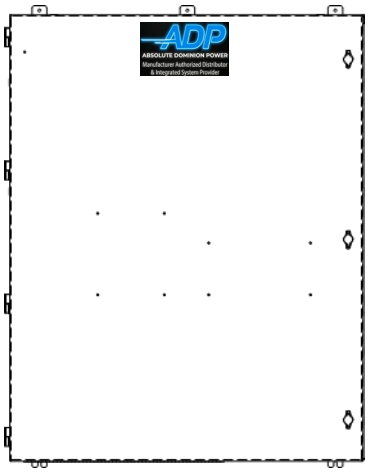
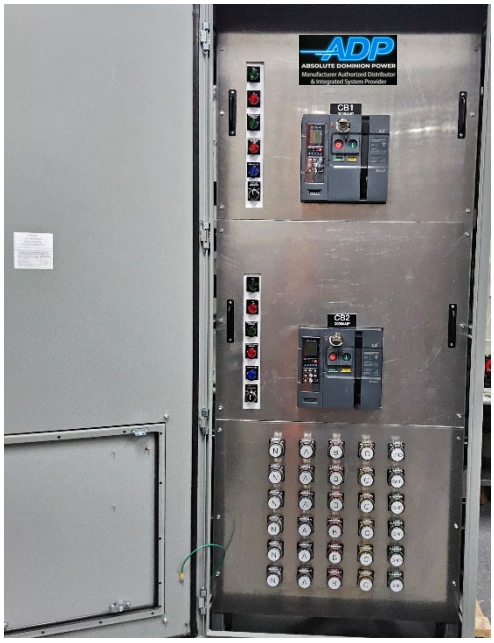


Padmount



Large



TMTS Line	Large	Padmount
P-MTS-1 **P-MTS-2** **P-MTS-3**	800-1200A	800-1200A 1200-4000A
P-MTS-4	400-800A	800-1200A
Dimensions	36W X 20D X 60H	42W X 36D X 90H
	36W X 36D X 90H	48W X 46D X 90H
Approx. Weight	350lb	750lb

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