TRYSTAR

DUAL-PURPOSE DOCKING STATIONS

100 - 5000A

Docking Stations for Essential Power Continuity & Testing

Generator and Load Bank (Dual-purpose) Docking Stations

(100 - 5000 AMP)

A Dual-purpose Docking Station serves as a critical component for power resiliency, providing a safe, efficient, and compliant connection point for both temporary backup generators and load banks.

As grid instability and extreme weather events become more frequent, these stations enable facilities to rapidly restore power while also supporting routine generator testing and maintenance. By integrating dedicated load bank connections, they allow for regular testing without unnecessary wear on mechanical components, ensuring emergency generators remain operational at a moment's notice.

Designed for rugged, repetitive use, these stations facilitate the safe, fast, and NEC-compliant connection of temporary power sources, eliminating costly temporary modifications and ensuring uninterrupted facility operations.

Dual-purpose Docking Stations

100 - 5000 Amp

15765 Acorn Trail / Faribault, MN 55021 / 507.333.3990

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DUAL-PURPOSE DOCKING STATIONS

100 - 5000A

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Benefits

The Trystar Dual-purpose Docking Station ensures your facility is always prepared, providing a seamless, safe, and compliant connection for both temporary backup power and routine generator testing.

- **Minimize Facility Downtime & Maintain Business Continuity:** Reduced response time during power outages with industry-standard camlock connections that eliminate the need for on-the-spot electrical modifications. By having a dedicated, compliant connection point in place, facilities can safely and quickly restore power, ensuring uninterrupted operations and business continuity.
- **Improve Emergency Equipment ROI & Efficiency:** Designed for repetitive use, integrated load bank and generator connections reduce wear and tear on mechanical components—one of the leading causes of electrical failures. Additionally, dedicated load bank access streamlines routine testing, minimizing setup time and reducing operational costs while ensuring emergency systems remain in peak condition.
- **Enhance Safety, Compliance & Design Flexibility:** Built to meet NEC 700.3(F) requirements, these docking stations feature mechanical interlocks to prevent accidental power source interconnections, ensuring safe and legal operation. Heat-efficient designs eliminate the need for auxiliary cooling, while pre-engineered and customizable UL-listed configurations provide the flexibility to meet any facility's power management needs.

Key Features

- Up to 600Y/347V @ 60Hz, 5000A, and 100kAIC Interrupting Capacity
- Single, Dual, or Triple Breaker configurations for isolation, switching, and overcurrent protections. 3-Pole or 4-Pole Breaker options, or Single-Phase Design
- Fused Overcurrent Protection available as alternate to Breakers
- 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. Temporary mechanical connections available as an option
- UL891, UL1008, and PE-Listed options available

Catalog Numbers

Catalog no.	Description
XBDS	SB = Single / DB = Dual / TB = Triple Breaker Docking Station Dual Purpose

Applications

Dual-purpose docking stations are used at facilities and in applications where reliable emergency/back up power combined with routine generator testing are essential, such as:

- Data Centers
- Hospitals and Healthcare
- Financial Institutions
- Emergency Response Centers
- Water Treatment Facilities and Utilities
- Manufacturing Plants
- Other facilities where power resiliency is key

Available Options

- Breaker Options Including:
  - ETU's - Electronic Trip Units
  - Long, Short, Instantaneous Ground Tripping (LSIG)
  - Energy Reduciton Management System (ERMS)
  - ModBus TCP Connectivity
- Enclosure Options:
  - NEMA 1, 3R or 4X & UL50
  - Mild Steel or Aluminum, or 304 or 316 Stainless Steel for Superior Environmental Protection
  - Wall or Floor Mount, Flush Mount 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
- Integrated Device Options Including:
  - Automatic Transfer Switch
  - Manual Transfer Switch
  - Feeder Breakers
  - Distribution Panel

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