

MPD-ST3-3P3W-600A-200.480.600V-3PH-N3R-M1

600A Static Transfer Switch – 200-480V/600V, 3-Phase, 3-Pole (3-Wire) – Solid-State – NEMA 3R
Product ID: 333475



Image: MPD-ST3-3P3W-600A-200.480.600V-3PH-N3R-M1

Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

MPD-ST3-3P3W-600A-200.480.600V-3PH-N3R-M1 Static Transfer Switch

Unit Type: Static Transfer Switch

Dimensions: ~75.00"-H x 38.00"-W x 32.00"-D

Weight: 1200 lbs

Phase: 3-Phase 3-Wire (3P3W), three pole, double throw

Voltage: 200–240V / 380–480V / 600V

Current Rating: 600A

Withstand Rating: 150kA / 100kA / 25kA

Input: Two (2) AC power sources, unsynchronized

Output: Dual output breakers (CB3 configuration)

Power Electronic Device: SCR modules (solid-state switching)

Load Transition Type (Automatic): Open Transition; fast break-before-make (<4 ms interruption)

Modes of Operation: Normal, Manual Transfer, Emergency Transfer, Transfer Inhibit, Maintenance Bypass

Accessories: Input Contact Isolator Board; Network Interface Card (Optional); RS-232 / Communications

Materials: Heavy-duty steel enclosure

Finish: Black/Gray Powder Coat

Mount: Floor Mount, Top/Bottom Cable Entry

Lug Range: Compression lugs (field configurable, Cu/Al)

Larson Electronics manufacture a wide variety of custom power distribution systems. The pictures displayed for this unit are a general representation of form factor and may not accurately represent this exact configuration in every detail due to being one-time custom builds. The specifics for this configuration are listed in the specification table and one-line diagram.

Features/Ratings

NEMA 3R

Solid-State Switching (SCR-Based)

Transient Voltage Surge Suppression (TVSS)

Meets NEC and local electrical codes

Special Orders - Special Requirements

Contact us for special requirements

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The MPD-ST5-3P3W-600A-200.480.600V-3PH-N3R-M1 from Larson Electronics is a Static Transfer Switch that is ideal for managing electrical loads between two independent power sources in industrial facilities and mission-critical environments. This 600-amp, 200-480V/600V three-phase, three-wire system utilizes solid-state SCR technology to provide fast, reliable transfers between sources. The unit is housed in a NEMA 3R enclosure for protection in outdoor and harsh environments.

The MPD-ST5-3P3W-600A-200.480.600V-3PH-N3R-M1 offers precise control and uninterrupted power transfer in locations where backup generators, UPS systems, or redundant power sources are installed. This 600-amp unit supports multiple voltage configurations (200–240V, 380–480V, and 600V) and features an open transition (break-before-make) transfer with switching speeds of less than 4 milliseconds. The controller manages all transfer-related functions including timing, sensing, source selection, and system protection. During abnormal conditions, this unit can withstand up to 150kA (depending on system voltage), ensuring robust performance in demanding applications.

Applications: Backup generators, power management, energy systems, industrial facilities, commercial spaces, and more.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)

There are no Faqs