

## **MPD-ATS-104A-277Y.480-3PH-M1**

**104-amp Automatic Transfer Switch - 277Y/480 3PH - Aluminum - NEMA 3R**

**Product ID: 321033**

**Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).**



Image: MPD-ATS-104A-277Y.480-3PH-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-ATS-104A-277Y.480-3PH-M1 Automatic Transfer Switch**

**Unit Type:** Automatic Transfer Switch

**Dimensions:** 24" W x 36" H x 10" D

**Weight:** 90 lbs

**Voltage:** 277Y/480V 3PH, 4-Wire

**Current Rating:** 104 A

**Poles:** 3

**Withstand Current Rating:** 10 kA

**Generator Start Type:** 2-Wire

**Transfer to Generator Start Delay:** Adjustable, 0-30 Seconds

**Generator Warmup Delay:** Adjustable, 0-30 Seconds

**Re-transfer Time Delay:** Adjustable, 0-30 Seconds

**Generator Cooldown Timer:** Adjustable, 0-5 Minutes

**Controller Type:** Microprocessor-Based Smart Controller

**Display:** Backlit LCD Panel with Real-Time System Status

**Voltage Sensing:** True RMS, Adjustable Over/Under Voltage (Both Sources)

**Frequency Sensing:** ±0.1 Hz Accuracy

**Status Bit:** Included

**Auxiliary Contacts:** Included

### **Features/Ratings**

NEMA 3R Enclosure, w/ Lockout Feature

Digital Power Technology (DPM)

10,000 Amps Withstand Rating

List for United States & Canada

UL Listed

NRTL Certified to UL 1008



**Transition Type:** Open Transition  
**Auto/Manual Transition:** Selectable  
**Exercise Function:** Weekly Programmable Generator Exercise (With/Without Load)  
**Password Protection:** Yes (Settings Access Lockout)  
**Communication:** RS-485 Modbus (with accessory), Web-Based Interface Optional  
**Materials:** Aluminum  
**Operating Temperature Range:** -20C to +60C  
**Finish:** Electrostatically Applied and Baked Powder Paint  
**Mount:** Wall or Surface, via (4) Screw Holes  
**Lug Range:** 1/0 - #14

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.

**Special Orders - Special Requirements**

Contact us for special requirements

**Toll Free:** 1-800-369-6671

**Intl:** 1-903-270-1187

**E-mail:** [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com)

**The Larson Electronics MPD-ATS-104A-277Y.480-3PH-M1 Automatic Transfer Switch is ideal for managing electrical loads between two sources in industrial facilities. This 104-amp, 277Y/480 three-phase controller handles timing, sensing, exercise functions and transfer commands. Constructed of aluminum, the unit is housed in a NEMA 3R enclosure.**

The MPD-ATS-104A-277Y.480-3PH-M1 offers accurate control of electrical power and loads in locations where a backup generator or energy management system is installed. This 100-amp unit features 277Y/480 three phase compatibility and an open type of load transition (automatic). The controller is designed to handle all commands related to the following: timing, sensing, exercise functions and transfers. During abnormal conditions, this unit can withstand a maximum of 10,000 amps.

The automatic transfer switch is constructed of aluminum with electrostatically applied and baked powder paint. Operators may mount the NEMA 3R-rated unit on compatible walls or surfaces, via four screw openings located at the back of the controller.

**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](mailto: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 Fags



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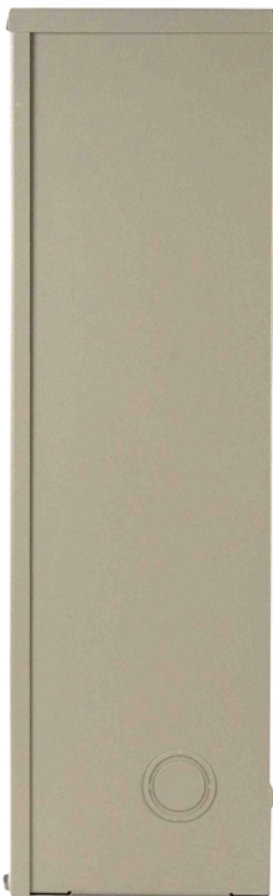


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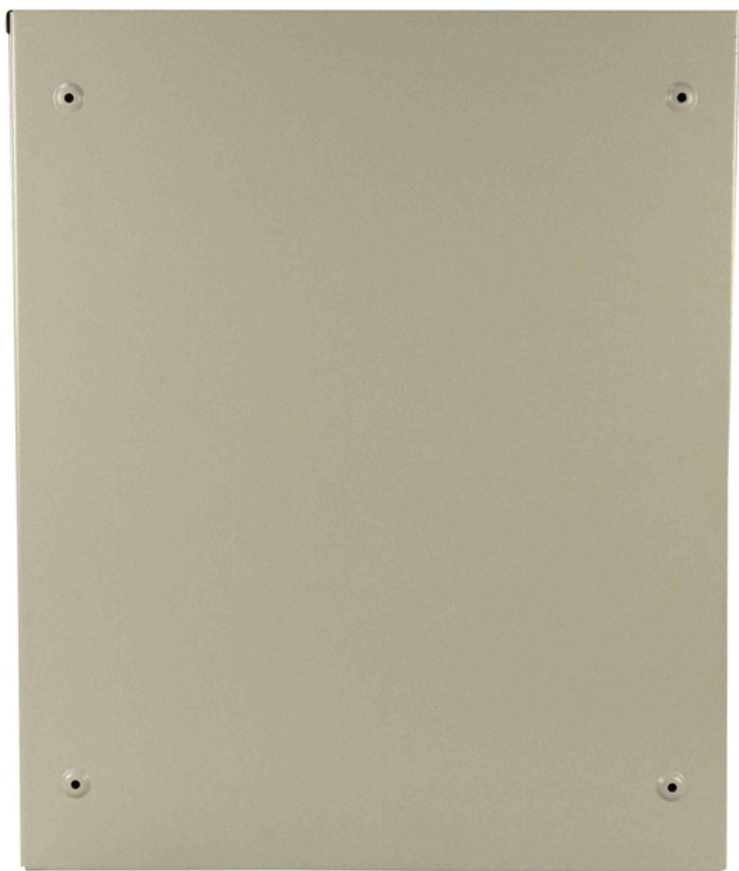


Image: MPD-ATS-104A-277Y.480-3PH-M1



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**Export Control Classification Number (ECCN):** EAR99



Links (Click on the below items to view):

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