

Power Distribution Panel - 480Y/277V 3PH - 800A MCB - Primary Breakers - NEMA 3R

Part #: PDU-PNL-3P-MLC-800A-480Y.277-MOD1



The Larson Electronics PDU-PNL-3P-MLC-800A-480Y.277-MOD1 Power Distribution Panel is designed for reliable, safe and convenient power distribution at industrial work sites. This 800-amp unit provides 480Y/277V three phase via a main circuit breaker panel. The power distribution unit provides operators the ability to safely tap into and distribute 480V AC power from a variety of sources including generators and direct grid power.

PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO POWER DISTRIBUTION PANELS, TRANSFORMERS, OR SUBSTATIONS

The PDU-PNL-3P-MLC-800A-480Y.277-MOD1 power distribution panel provides a safe and reliable way for operators in industrial settings to tap into and utilize power sources independently of the work area. The PDU series of power distribution panels require operators to provide their own line-in cables for use. Knockouts are provided for convenient installation of operator provided cables.

The surface-mounted panel is designed to operate with 480Y/277V three phase voltage. Power distribution for this panel runs 480V through an 800-amp main circuit breaker panel. The main circuit breaker panel contains the following breakers: (2) 125-amp 3-pole 480V, (3) 100-amp 3-pole 480V, (3) 70-amp 3-pole 480V, (2) 60-amp 3-pole 480V, (1) 50-amp 3-pole 480V, (2) 40-amp 3-pole 480V, (4) 30-amp 3-pole 480V and (2) 20-amp 3-pole 480V.

Enclosure Design: The power distribution panel is housed in a space-saving NEMA 3R enclosure for superior protection against dust, dirt and moisture in indoor and outdoor locations in extreme environments. Constructed of stainless steel, the unit's slim, rectangular profile is compatible with plug-in mounting configurations. A lockable opening deters the possibility of tampering. Operators can mount the panel on floors and flat surfaces. We also offer similar portable power distribution panels on dolly carts with wheels, powder coated cube frames with lifting eyelets/skid pockets or stand-alone with handles for faster turnarounds and completion of temporary tasks.

Certification: Larson Electronics is a UL 1640 panel shop and certified to build power distribution systems. All units are built in accordance to NFPA 70 (National Electric Code) and certified to UL 1640. All equipment is NEMA 3R rated for indoor and outdoor use and provide a degree of protection against dirt, water, and ice. NEMA 4X equipment can be equipped upon request.

Grounding: Transformer is grounded to the frame and we provide a grounding lug on the frame for the earth ground.

~Please check all motor loads for dual rated motors that will work 208 or 240.~

Applications: This power distribution system is NEMA 3R rated and ideal for indoor/outdoor use and applications including but not limited to; construction sites, plant maintenance, plant turnarounds, hazardous location operations, shows, exhibits, and shipyard operations.

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.

Specifications / Additional Information**PDU-PNL-3P-MLC-800A-480Y.277-MOD1 Power Distribution Panel** **Ratings****Line In:** Customer Provided**Max Primary OCP:** 800A @ 480V**Primary Voltage:** 480Y/277V AC

UL 1640 Power Distribution Equipment

Panel: 800A 480Y/277V 3PH MCB 72CKT N3R

NEMA 3R Indoor or Outdoor Use

Breakers: (2) 125A 3P [480V], (3) 100A 3P [480V], (3) 70A 3P [480V], (2) 60A 3P [480V], (1) 50A 3P [480V], (2) 40A 3P [480V], (4) 30A 3P [480V], (2) 20A 3P [480V]

Made in the USA

Protection: Circuit Breakers**Materials:** Stainless Steel Enclosure**Special Orders- Requirements****Form Factor:** Rectangular, Slim-profile Enclosure w/ Lockable Opening

Contact us for special requirements

Dimensions: 20.75" x 40.82" x 9.5"**Phone:** 1-214-616-6180**Weight:** -**Toll Free:** 1-800-369-6671**Fax:** 1-903-498-3364**E-mail:** sales@larsonelectronics.com

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 custom builds. The specifics for this configuration are listed in the specification table and one-line diagram.

All grounding shall comply with state and local codes and meet the minimum requirements of the National Electronic Code section 250

[Scroll Down to Purchase](#)

[This product does not qualify for free shipping.](#)

[Part #: PDU-PNL-3P-MLC-800A-480Y.277-MOD1 \(152961\)](#)

Links (Click on the below items to view):

- [WiringDiagram](#)

- [Hi-Res Image 1- Portable Power Distribution Panel](#)