

PND-PNU-FSU-480V-3PH-400MLO

Power Distribution Panel - 480V 3PH - 400A MCB - (4) 100A 3P Breakers -Switchrack

Product ID: 234730



Image: PND-PNU-FSU-480V-3PH-400MLO

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.

PND-PNU-FSU-480V-3PH-400MLO Power Distribution Panel

Line In: Customer Provided

Max Primary OCP: 400 Amps

Panel: 400A 480V 3PH MCB N3R

Circuits: -

Breakers: (4) 100A 3P [480V]

Breaker Type: Bolt-on

Feed Type: Top or Bottom

Interrupting Rating: 14

Operating Temperature: 40°C

Materials: Aluminum, Copper

Bus Material: Copper

Ground Bar Material: Aluminum (Bolted)

Form Factor: Powder Coated Aluminum Switchrack w/ Canopy

Input Wire Size: 4-350

Dimensions: -

Weight: -

Shipping Weight: -

Larson Electronics manufactures 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.

Ratings

UL 1640 Power-Distribution Equipment

Made in the USA

Special Orders - Special Requirements

Contact us for special requirements

Intl: 1-903-270-1187

Toll Free: 1-800-369-6671

Fax: 1-903-765-7664

E-mail: sales@larsonelectronics.com

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

The Larson Electronics PND-PNU-FSU-480V-3PH-400MLO Power Distribution Panel is designed for reliable, safe and convenient power distribution at industrial work sites. This 400-amp unit provides three-phase 480V via a main circuit breaker panel. The power distribution panel 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 PND-PNU-FSU-480V-3PH-400MLO 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 PNL 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 panel is designed to operate with three-phase 480V voltage. Power distribution for this panel runs three-phase 480V through a 400-amp main circuit breaker panel. The main circuit breaker panel contains four 100-amp 3-pole branch breakers.

Switchrack: This power distribution panel is housed in a heavy-duty enclosure. Mounted on an aluminum switchrack mounting frame, the unit is powder coated for durability, corrosion resistance and protection in outdoor sites. A canopy protects the power distribution system from UV rays, rain and debris.

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 4 and 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.

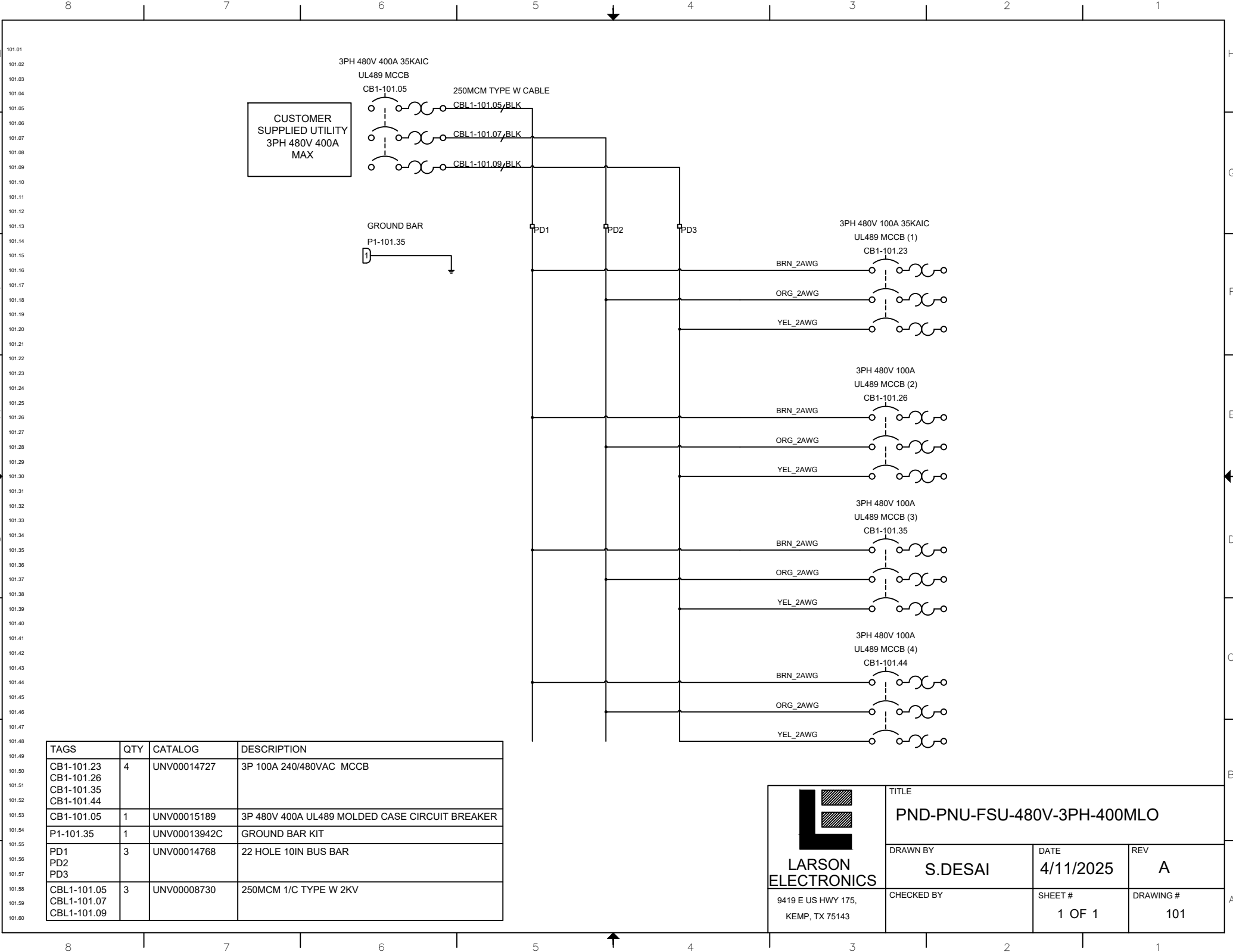
At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, 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.

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671



www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

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REV	DESCRIPTION						DATE
A	PRODUCTION RELEASE						4/11/2025
PND-PNU-FSU-480V-3PH-400MLO 							
8	7	6	5	4	3	2	1



CUSTOMER
SUPPLIED UTILITY
3PH 480V 400A
MAX

GROUND BAR
P1-101.35

TAGS	QTY	CATALOG	DESCRIPTION
CB1-101.23 CB1-101.26 CB1-101.35 CB1-101.44	4	UNV00014727	3P 100A 240/480VAC MCCB
CB1-101.05	1	UNV00015189	3P 480V 400A UL489 MOLDED CASE CIRCUIT BREAKER
P1-101.35	1	UNV00013942C	GROUND BAR KIT
PD1 PD2 PD3	3	UNV00014768	22 HOLE 10IN BUS BAR
CBL1-101.05 CBL1-101.07 CBL1-101.09	3	UNV00008730	250MCM 1/C TYPE W 2KV

 LARSON ELECTRONICS 9419 E US HWY 175, KEMP, TX 75143	TITLE PND-PNU-FSU-480V-3PH-400MLO		
	DRAWN BY S.DESAI	DATE 4/11/2025	REV A
	CHECKED BY	SHEET # 1 OF 1	DRAWING # 101



Frequently Asked Questions (FAQ)

There are no Faqs