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MPD-ED5-CLP5.100AMTS-YE0-L-10.CLR5-M1

100A Portable Transfer Switch Panel - 480V AC Wye 3-Phase - Camlock Inputs/Outputs - (2) 100-Amp Molded Case Circuit Breakers

Product ID: 284127



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-ED5-CLP5.100AMTS-YE0-L-10.CLR5-M1 Portable Transfer Switch Panel

Line-in Cord: -
Line-in Cord Cap: 100A Single-pole 15-Series Male Camlock Receptacles (2) Green, White, Brown, Orange, Yellow [600V] w/ Flip Covers
Primary Voltage (V): 480 V AC Wye
Primary Phase (PH): 3-Phase (3PH)
Primary Frequency (HZ): 60 Hz (60-cycles)
Primary Panel: MTS 480V 3PH 100A MCCB w/Safety-Interlock N3R
Primary Breaker(s): (2) 100A 3P MCCB [480V]
Primary Outlet(s): 100A Single-Pole 15-Series Female Camlocks (1) Green, White, Brown, Orange, Yellow [600V]
Primary Protection: MCCB Circuit Breakers; Flip Covers; Safety-Interlock
Transformer (kVA): -
Secondary Voltage (V): -
Secondary Phase (PH): -
Secondary Frequency -
Secondary Panel: -
Secondary Breakers: -
Secondary Outlets: -
Secondary Protection: -
Form Factor: Blue Powder Coated MGL Dolly Cart w/ Run Flat Tires
Run Flat Tires: (2)
Frame Material: Steel
Frame Finish: High-Strength TGIC Polyester Powder Coated Blue
Dimensions: -
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

Ratings

Max Primary OCP: 100 A @ 480 V
Max Secondary Output: -

NEMA 3R Indoor or Outdoor Use
Made in the USA
NRTL Certified to UL 1640
NRTL Certified to CSA C22.2 No. 14

Powder Coat Finish Standards:

Complies with ASTM D-523
Complies with ASTM D-3359
Complies with ASTM D-522
Complies with ASTM D-3363
Complies with ASTM D-2794

Special Orders - Requirements

Contact us for special requirements

Phone: 1-214-616-6180
Toll Free: 1-800-369-6671
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

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

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. Code section 250*

Made in Texas

The MPD-ED5-CLP5.100AMTS-YE0-L-10.CLR5-M1 from Larson Electronics is a 100-Amp Portable Transfer Switch Panel that is compatible with three-phase 480 V AC Wye power. This fully enclosed portable transfer switch panel provides operators the ability to safely transfer 480 V 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 MPD-ED5-CLP5.100AMTS-YE0-L-10.CLR5-M1 portable transfer switch panel gives operators the ability to transfer electrical loads between two power sources such as a direct grid and a generator.

Operation:

• Primary Voltage: 3-Phase 480V AC Wye
• Primary Panel: MTS 480V 3PH 100A MCCB w/Safety-Interlock N3R
• Primary Breaker(s): (2) 100A 3P MCCB [480V]
• Primary Outlet(s): 100A Single-Pole 15-Series Female Camlocks (1) Green, White, Brown, Orange, Yellow [600V]
• Transformer: N/A
• Secondary Voltage: N/A
• Secondary Receptacles: N/A

*See specification table at the top of the page for more information about the portable transfer switch panel.

Protective Construction: This portable transfer switch panel is fully enclosed and is ruggedly constructed to withstand demanding conditions and industrial applications. The system is accessible via two doors at each end for access to breakers on the panels and a center-located door for access to receptacles. The model is equipped with bottom-located forklift skid pockets and four top-located lifting eyelets, which allows easy lifting with cable or chain hooks.

The portable transfer switch panel is constructed of steel with a polyester powder coated blue finish for durability against dirt, moisture and mild corrosion. This special coating creates a high-strength barrier for protection from accidental bumps and scratches. The TGIC polyester powder coat finish offers reliable resistance against chemicals, UV light (sun light) and degrading elements in outdoor locations. Our powder coating solution ensures robust color retention for many years without fading. Custom colors, such as black, grey, desert tan or forest green, and galvanized finishes are available upon request. Non-standard powder coat colors or galvanized finishes may increase price and lead times.

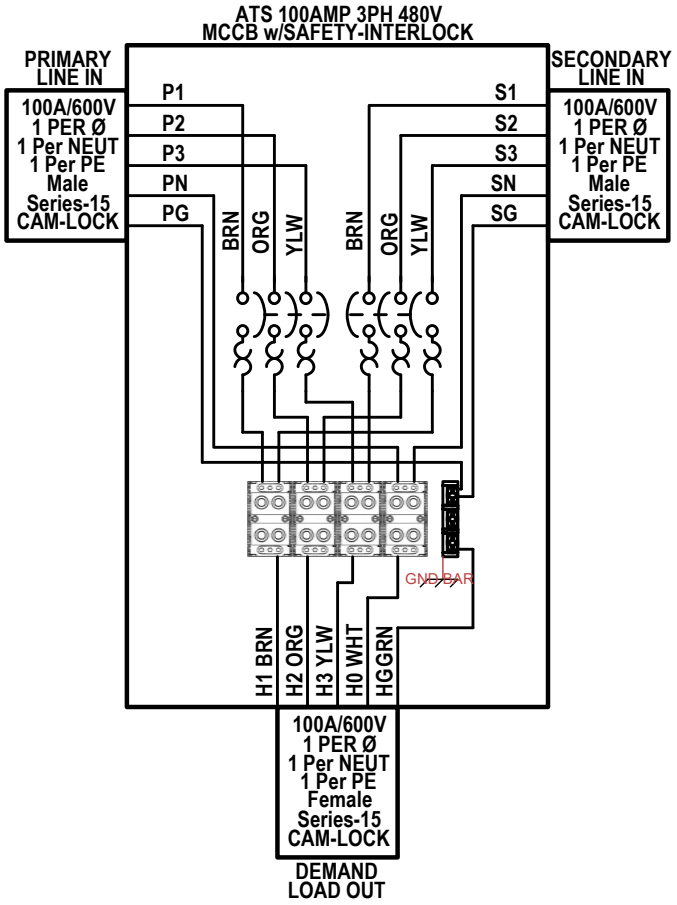
Certification: All units are built in accordance to NFPA 70 (National Electric Code) and NRTL certified to UL 1640. All equipment is NEMA 3R rated for indoor and outdoor use and provide a degree of protection against dirt, water, and ice. NEMA 4 and NEMA 4X equipment can be equipped upon request.

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 portable transfer switch panel is ideal for indoor or outdoor use and applications including but not limited to, construction sites, plant maintenance, plant turnarounds, shows, exhibits, and shipyard operations. These portable transfer switch panel are popularly used in applications where external power sources are often necessary. We also offer class rated transformers for use within explosion proof and hazardous location environments.

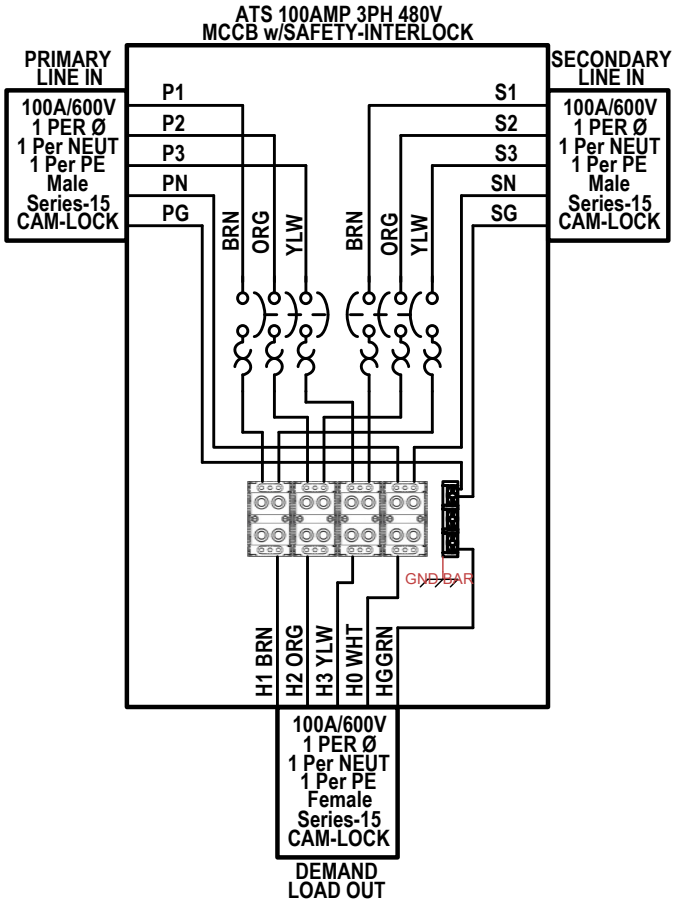
Custom Built Systems Available: Larson Electronics is a manufacturer and we can build portable power distribution systems to your specifications. Although we carry several models of portable power distribution systems in stock, we can deliver custom ordered units almost as quickly as our prebuilt units. If this model does not meet your needs, please contact us at 1-800-369-6671 or sales@larsonelectronics.com to discuss your specific requirements.



WIRE LEGEND

ID	TYPE	DESCRIPTION	WIRE SIZE
P1	CABLE	600V THHN BROWN	#2 AWG cu
P2	CABLE	600V THHN ORANGE	#2 AWG cu
P3	CABLE	600V THHN YELLOW	#2 AWG cu
P0	CABLE	600V THHN WHITE	#2 AWG cu
PG	CABLE	600V THHN GREEN	#8 AWG cu
S1	CABLE	600V THHN BROWN	#2 AWG cu
S2	CABLE	600V THHN ORANGE	#2 AWG cu
S3	CABLE	600V THHN YELLOW	#2 AWG cu
S0	CABLE	600V THHN WHITE	#2 AWG cu
SG	CABLE	600V THHN GREEN	#8 AWG cu
H1	CABLE	600V THHN BROWN	#2 AWG cu
H2	CABLE	600V THHN ORANGE	#2 AWG cu
H3	CABLE	600V THHN YELLOW	#2 AWG cu
H0	CABLE	600V THHN WHITE	#2 AWG cu
HG	CABLE	600V THHN GREEN	#8 AWG cu

Title: MPD-ED5-CLP5.100AMTS-YE0-L-10.CLR5-M1		
Author: David Downs		
File: ✓ 100A 3PH MCB ATS 15x15-Ser.CAM DLYC.dsn		Document
Revision: 1.0	Date: 03/04/2022	Sheets: 1 of 1



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CAUTION
ON | OFF
WARNING
LARSON
ELECTRONICS

Frequently Asked Questions (FAQ)