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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

MPD-CW15-TB.400AB-DE300YT-UZ-1.TL-M1

300 KVA Distribution Skid, 480V-208Y/120 3PH, Terminal Lug Input & Output

Product ID: 150886



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-CW15-TB.400AB-DE300YT-UZ-1.TL-M1 -Temporary Power Distribution System

Line-in Cord: Not Included - Requires Minimum Use Wiring 400A Rated Cu @ [600V] (**Customer Provided**)
Line-in Cord Cap: Not Included - Requires Minimum Use Service Device 400A @ [480V] (**Customer Provided**)
Primary Voltage (V): 480V AC Delta
Primary Phase (PH): 3-Phase (3PH)
Primary Frequency (HZ): 60 Hz (60-cycles)
Primary Panel: 480V 3PH 400A Hinged Breaker Enclosure N3R
Primary Breaker: (1) 400A 3P MCCB [480V]
Primary Outlets: N/A
Primary Protection: MCCB Breaker
Transformer (KVA): 300 KVA 480V to 208Y/120V 3PH N3R
Secondary Voltage (V): 208/120V AC Wye
Secondary Phase (PH): 3-Phase (3PH)
Secondary Frequency (HZ): 60 Hz (60-cycles)
Secondary Panel: (**Customer Provided**)
Secondary Breakers: (**Customer Provided**)
Secondary Outlets: (**Customer Provided**)
Secondary Protection: (**Customer Provided**)
Form Factor: Blue Powder Coated Steel Open Cube w/ Casters
Frame Material: Steel
Frame Finish: High-strength TGIC Polyester Powder Coated Blue
Lifting Eyelet: (4) Top Located
Skid Pockets: (2) Bottom Located
Casters: (4) Locking Casters
Dimensions: 80"L x 44"W x 73"H

Ratings

Max Primary OCP: 400A @ 480V
Max Secondary Output: 833A @ 208V
NEMA 3R
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

Weight: 2500 lbs

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.

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

Made in Texas

The Larson Electronics MPD-CW15-TB.400AB-DE300YT-UZ-1.TL-M1 Power Distribution Substation co three-phase 480V AC electrical current to three-phase 208Y/120V AC. This power distribution unit provides operators the ability to safely tap into and distribute 480V AC power from a variety of sour including generators and direct grid power.

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

The MPD-CW15-TB.400AB-DE300YT-UZ-1.TL-M1 temporary power distribution system gives operators the abili power their 208 volt and 120 volt equipment from a single system.

Operation:

- Primary Voltage: 3-phase 480V AC, Delta
- Primary Receptacles: N/A
- Transformer: 300 KVA 480V to 208Y/120V 3PH N3R
- Secondary Voltage: 3-phase 208/120V AC Wye
- Secondary Receptacles: (**Customer Provided**)

*See specification table at the top of the page for more information about the power distribution system.

Protective Construction: This temporary power distribution unit features an open frame cube design and is ru constructed to withstand demanding conditions and industrial applications. The model is equipped with bottom- forklift skid pockets and four top-located lifting eyelets, which allows easy lifting with cable or chain hooks. Fou casters at the base provides mobility around work sites.

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

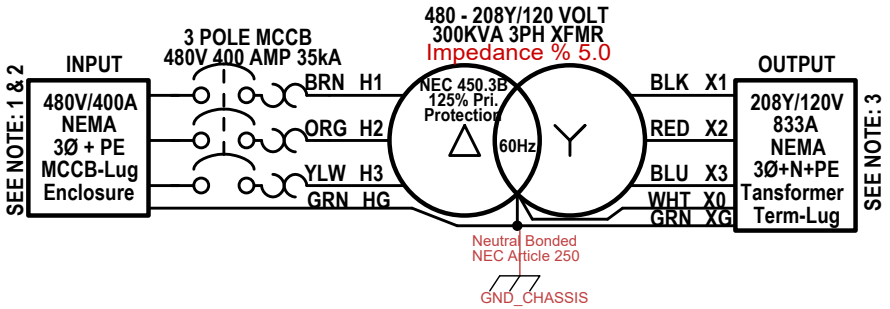
The transformer and load center/distribution assembly is mounted to a standard steel cube style frame resultin extremely stable, durable and mobile power distribution platform. This temporary power distribution solution ca modified to meet the needs of job-site receptacle requirements. Larger units are available upon request and ca equipped with skids or trailer mounted.

Certification: All units are built in accordance to NFPA 70 (National Electric Code) and NRTL certified to UL 164 equipment is NEMA 3R rated for indoor and outdoor use and provide a degree of protection against dirt, water, 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 g ~Please check all motor loads for dual rated motors that will work 208 or 240.~

Applications: This power distribution system is ideal for indoor or outdoor use and applications including but n limited to, construction sites, plant maintenance, plant turnarounds, shows, exhibits, and shipyard operations. T power distribution systems are popularly used in applications where external power sources are often necessary 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 distr systems to your specifications. Although we carry several models of portable power distribution systems in stoc can deliver custom ordered units almost as quickly as our prebuilt units. If this model does not meet your need please contact us at 1-800-369-6671 or sales@larsonelectronics.com to discuss your specific requirements.



WIRE LEGEND

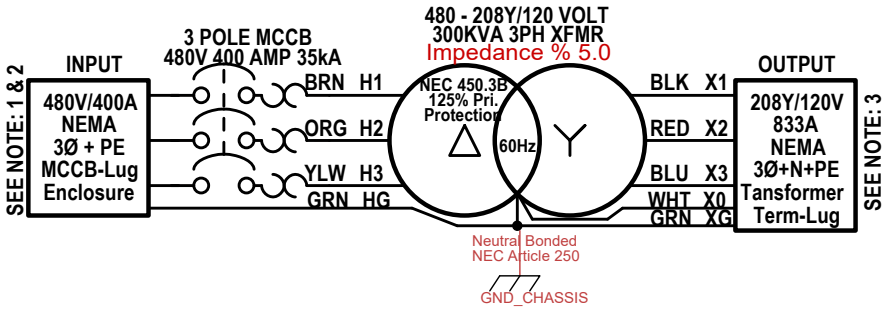
ID	TYPE	DESCRIPTION	WIRE SIZE
H1	CABLE	600V THHN BROWN	600 KCMIL cu
H2	CABLE	600V THHN ORANGE	600 KCMIL cu
H3	CABLE	600V THHN YELLOW	600 KCMIL cu
HG	CABLE	600V THHN GREEN	#2 AWG cu
X1	CABLE	600V THHN BLACK	2x600 KCMIL cu
X2	CABLE	600V THHN RED	2x600 KCMIL cu
X3	CABLE	600V THHN BLUE	2x600 KCMIL cu
X0	CABLE	600V THHN WHITE	2x600 KCMIL cu
XG	CABLE	600V THHN GREEN	#1/0 AWG cu

USER NOTES:

1) USE MINIMUM 600V 400A WIRING
2) USE MINIMUM 480V 3PH 400A SERVICE DEVICE
3) CUSTOMER PROVIDED DOWNSTREAM CKT BKR or FUSE

IEC 60076 permits +/- 10% tolerance in percentage impedance at the manufacturer's end.

Title: MPD-CW15-TB.400AB-DE300YT-UZ-1.TL-M1		
Author: David Downs		
File: A 3PH 300KVA 208Y-120V 833A 3PH Input=TB.d		Document: RV22
Revision: 1.0	Date: 02/19/2018	Sheets: 1 of 1



WIRE LEGEND

ID	TYPE	DESCRIPTION	WIRE SIZE
H1	CABLE	600V THHN BROWN	600 KCMIL cu
H2	CABLE	600V THHN ORANGE	600 KCMIL cu
H3	CABLE	600V THHN YELLOW	600 KCMIL cu
HG	CABLE	600V THHN GREEN	#2 AWG cu
X1	CABLE	600V THHN BLACK	2x600 KCMIL cu
X2	CABLE	600V THHN RED	2x600 KCMIL cu
X3	CABLE	600V THHN BLUE	2x600 KCMIL cu
X0	CABLE	600V THHN WHITE	2x600 KCMIL cu
XG	CABLE	600V THHN GREEN	#1/0 AWG cu

USER NOTES:

1) USE MINIMUM 600V 400A WIRING
2) USE MINIMUM 480V 3PH 400A SERVICE DEVICE
3) CUSTOMER PROVIDED DOWNSTREAM CKT BKR or FUSE

IEC 60076 permits +/- 10% tolerance in percentage impedance at the manufacturer's end.

Title: MPD-CW15-TB.400AB-DE300YT-UZ-1.TL-M1		
Author: David Downs		
File: A 3PH 300KVA 208Y-120V 833A 3PH Input=TB.d		Document: RV22
Revision: 1.0	Date: 02/19/2018	Sheets: 1 of 1






SIEMENS
ON
OFF
CAUTION
HIGH VOLTAGE



Certification

Manufacturer: Larson Electronics LLC
Address: 9419 US-HWY 175
Kemp, Texas 75143

Declare the following equipment conforms to the standard(s) as listed:

Model: MGL, MPD, MGS, WAL Series
Description: Power Distribution Systems

Evaluated Listings:

ETL: UL 1640 - NEC / United States standards
ETL: CAN/CSA-C22.2 No. 14 – CEC / Canada standards

The MGL, MPD, MGS, WAL Series are certified to NEC and CEC standards for power distribution systems. These units are constructed using individual components certified to NEC and CEC standards, and are built to UL 1640 and CAN/CSA C22.2 No 14.

Signed for and on behalf of: Larson Electronics, LLC
Place of issue: Kemp, TX
Date of issue: September 11, 2019

Signature: James Thomas

Name: James Thomas
Position: Operations Manager

LARSON ELECTRONICS LLC • 9419 E US HWY 175 • KEMP, TX 75143
p: 1-800-369-6671 • intl: 903-498-3363 • f: 903-498-3364 • sales@larsonelectronics.com

<- Back

Product Description

Title:	STAGE & STUDIO PORTABLE WIRING COMPARTMENTS
Company:	LARSON ELECTRONICS LLC - Kemp, TX USA
Product Information:	Power Distribution System, Model Nos. MGL, MPD, MGS, WAL series; Followed by AAK-PBB.FFF-SCC.GGG-EEXCCC.DDD; Where AA = 2,3,5,7,9,15,20,25,30,45,50,75; BB = 1P, 3P; FFF = 480,240,208,120; CC = 1P,3P; GGG = 480,240,208,120; EE = # of outlets; CCC = voltage; DDD = outlet amperage.
Evaluated to the following:	A representative sample of the listed devices have been tested, investigated and found to comply with the requirements of the Standard(s) for Stage & Studio Portable Wiring Compartments (UL-1640) and are identified with the ETL Listed Mark.

<- Back

Contact Us

Americas+1-888-347-5478
(or +1-312-906-7801)
Email
dirlist@intertek.com

Intertek Home
Product Directories

Inspector Center

Get up-to-date information on everything from our Accreditations to our Certifications and Marks. Learn more...

News

Intertek Unveils New Design for Product Safety and Quality Certification Marks. Learn more...

© 2010 Intertek All Rights Reserved.
All other product or service names are the property of their respective owners.

intertek
Total Quality. Assured.



<- Back

Product Description

Title:	INDUSTRIAL CONTROL EQUIPMENT
Company:	LARSON ELECTRONICS LLC - Kemp, TX USA
Product Information:	Industrial Control Panels For General Use. Power Distribution System, Model Nos. MGL, MPD, MGS series; Followed by AAK-PBB.FFF-SCC.GGG-EEXCCC.DDD; Where AA = 2,3,5,7,9,15,20,25,30,45,50,75; BB = 1P, 3P; FFF = 480,240,208,120; CC = 1P,3P; GGG = 480,240,208,120; EE = # of outlets; CCC = voltage; DDD = outlet amperage.
Evaluated to the following:	A representative sample of the listed devices have been tested, investigated and found to comply with the requirements of the Standard(s) for Industrial Control Equipment (CAN/CSA-C22.2 No. 14) and are identified with the cETL Listed Mark.

<- Back

Contact Us

ETL listed products that are in doubt or for products that do not appear in the directory, please request a verification of certification.
Americas+1-888-347-5478 (or +1-847-660-7407)
Email
etldirectory@intertek.com

Intertek Home
Product Directories
DLP on mobile devices

Inspector Center

Get up-to-date information on everything from our Accreditations to our Certifications and Marks. Learn more...

News

Intertek Unveils New Design for Product Safety and Quality Certification Marks. Learn more...

© 2010 Intertek All Rights Reserved.
All other product or service names are the property of their respective owners.

Frequently Asked Questions (FAQ)