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-CW1-CLP5.125AB-YE30YK10SZ-E29.19.81.L09.N10-M1

50 KVA Portable Distribution Cart - 480Y/277V 3-Phase to 400Y/231 3-Phase & 120/240V 1-Phase - (1) 560R7W (1) 530R7W (1) 563R6W (1) L6-30R (4) 5-20R GFCI Duplex Outlets - Male Camlock Line-In - NEMA 3R

Product ID: 313265



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-CW1-CLP5.125AB-YE30YK10SZ-E29.19.81.L09.N10-M1 - Temporary Power Distribution System

Line-in Cord: N/A
Line-in Cord Cap: (1 Set) 150A Single-pole 15-Series Male Camlock Receptacles [green, white, brown, orange, yellow] [600V] w/ Covers
Primary Voltage (V): 480Y/277V AC Wye
Primary Phase (PH): 3-Phase (3PH)
Primary Frequency (HZ): 60 Hz (60-cycles)
Primary Panel: 480Y/277V 3PH 125A MCCB N3R
Primary Breaker(s): (1) 45A 3P MCCB [480V]; (1) 25A 2P MCCB [480V]; (1) 60A 3P MCCB [480V]; (1) 30A 3P MCCB [480V]
Primary Outlet(s): (1) 560R7W IEC 60309 Pin-sleeve [480Y/277]; (1) 530R7W IEC 60309 Pin-sleeve [480Y/277V]
Primary Protection: MCCB Circuit Breakers
Transformer (KVA): (1) 30KVA 480V to 400Y/231V 3PH N3R & (1) 10KVA 480V to 120/240V 1PH N3R
Secondary Voltage (V): 400Y/231V AC Wye 3PH & 120/240V AC 1PH
Secondary Phase (PH): 3-Phase (3PH) & 1-Phase (1PH)
Secondary Frequency (HZ): 60 Hz (60-cycles)
Secondary Panel: (1) 400Y/231V 3PH 40A MLO N3R & (1) 120/240V 1PH 41.7A MLO N3R
Secondary Breaker(s): (1) 40A 3P MCCB [480V]; (1) 30A 2P MCB [250V]; (2) 20A 1P MCB [125V]
Secondary Outlet(s): (1) 563R6W IEC 60309 Pin-sleeve [400Y/231V]; (1) L6-30R NEMA Twist-lock [250V]; (4) 5-20R NEMA GFCI-DPLX [125V]
Secondary Protection: MCCB Circuit Breaker; MCB Circuit Breakers; GFCI's
Form Factor: Blue Powder Coated Steel Closed Cube w/ Casters
Doors: (2)

Ratings

Max Primary OCP: 125A @ 480V

Max Secondary Output: 40A @ 400V & 41.7A @ 240V

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

Frame Material: Steel
Frame Finish: High-Strength TGIC Polyester Powder Coated Blue
Cart Handle Orientation: Horizontal
Lifting Eyelet: (4) Top Located
Skid Pockets: (2) Bottom Located

Casters: (4) Locking Casters

Dimensions: (*Please note that dimensions are approximate and subject to change*) 58.5"-L x 33.5"-W x 73.7"-H

Weight: (*Please note that weight is approximate and subject to change*) 1650 lb

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.

Special Orders - Special Requirements
Contact us for special requirements
Intl: 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 Code section 250

Made in Texas

The MPD-CW1-CLP5.125AB-YE30YK10SZ-E29.19.81.L09.N10-M1 from Larson Electronics is a Power Distribution Substation that converts three-phase 480Y/277V AC Wye electrical current to three-phase 400Y/231V AC Wye and single-phase 120/240V AC. This fully enclosed 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 MPD-CW1-CLP5.125AB-YE30YK10SZ-E29.19.81.L09.N10-M1 temporary power distribution system gives operators the ability to power their 120 volt and 240 volt equipment from a single system.

Operation:

• Primary Voltage: 480Y/277V AC Wye 3PH
• Primary Panel: 480Y/277V 3PH 125A MCCB N3R
• Primary Breaker(s): (1) 45A 3P MCCB [480V]; (1) 25A 2P MCCB [480V]; (1) 60A 3P MCCB [480V]; (1) 30A 3P MCCB [480V]
• Primary Outlet(s): (1) 560R7W IEC 60309 Pin-sleeve [480Y/277]; (1) 530R7W IEC 60309 Pin-sleeve [480Y/277V]
• Transformer: (1) 30KVA 480V to 400Y/231V 3PH N3R & (1) 10KVA 480V to 120/240V 1PH N3R
• Secondary Voltage: 400Y/231V AC Wye 3PH & 120/240V AC 1PH
• Secondary Panel: (1) 400Y/231V 3PH 40A MLO N3R & (1) 120/240V 1PH 41.7A MLO N3R
• Secondary Breaker(s): (1) 40A 3P MCCB [480V]; (1) 30A 2P MCB [250V]; (2) 20A 1P MCB [125V]
• Secondary Outlet(s): (1) 563R6W IEC 60309 Pin-sleeve [400Y/231V]; (1) L6-30R NEMA Twist-lock [250V]; (4) 5-20R NEMA GFCI-DPLX [125V]

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

Protective Construction: This temporary power distribution unit 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. Four locking casters at the base provides mobility around work sites.

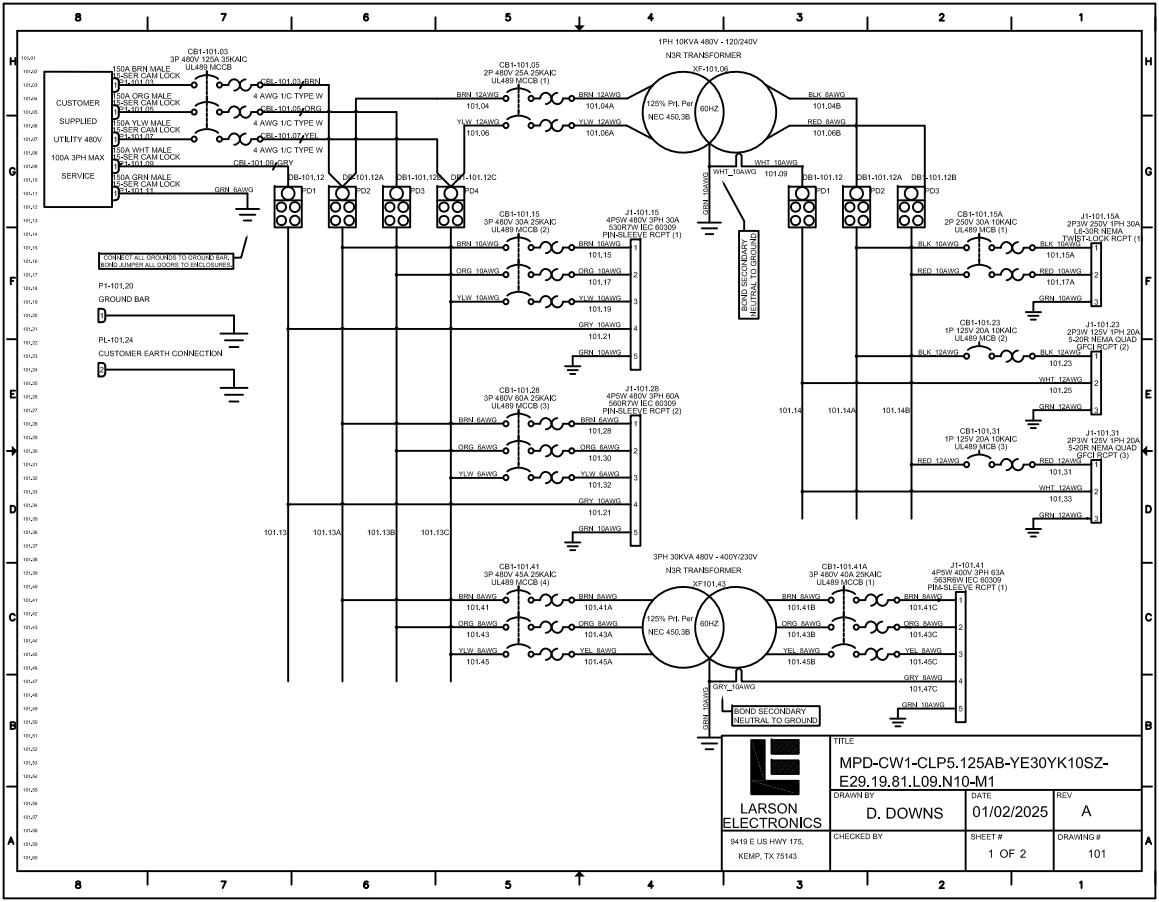
The power distribution system is constructed of steel with a polyester powder coated blue finish for durability against dirt, moisture, and mild corrosion. This special coating creates a high-strength barrier for protection from accidental bumps and scratches. The TGIC polyester powder coat finish offers 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.

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

REV	DESCRIPTION	DATE
A	PDU CREATE	01-02-2025

MPD-CW1-CLP5.125AB-YE30YK10SZ-E29.19.81.L09.N10-M1

LARSON ELECTRONICS®


CUSTOMER SUPPLIED UTILITY 480V 100A 3PH MAX SERVICE
CB1-101.03
3P 480V 125A 35KAIC
UL489 MCCB
150A BRN MALE
LOSER CAM LOCK
P1-101.01
CB1-101.03-BRN
4 AWG 1/C TYPE W
60A ORG MALE
LOSER CAM LOCK
P1-101.05
CB1-101.05-ORG
4 AWG 1/C TYPE W
60A YLW MALE
LOSER CAM LOCK
P1-101.07
CB1-101.07-YEL
4 AWG 1/C TYPE W
60A WHT MALE
LOSER CAM LOCK
P1-101.09
CB1-101.09-GRY
4 AWG 1/C TYPE W
100A GRN MALE
LOSER CAM LOCK
P1-101.11
GRN 6AWG
CB1-101.05
2P 480V 25A 25KAIC
UL489 MCCB (1)
BRN 12AWG
101.04
BRN 12AWG
101.04A
YLW 12AWG
101.06
YLW 12AWG
101.06A
1PH 10KVA 480V - 120/240V
N3R TRANSFORMER
XF-101.09
125% Prt. Per
NEC 450.3B
60HZ
BLK 8AWG
101.04B
RED 8AWG
101.06B
WHT 10AWG
101.09
WHT 10AWG
GRN 10AWG
BOND SECONDARY
NEUTRAL TO GROUND
DB-101.12
DB-101.12A
DB-101.12B
DB-101.12C
PD1
PD2
PD3
PD4
CONNECT ALL GROUNDS TO GROUND BAR.
BOND JUMPER ALL DOORS TO ENCLOSURE.
P1-101.20
GROUND BAR
PL-101.24
CUSTOMER EARTH CONNECTION
CB1-101.15
3P 480V 30A 25KAIC
UL489 MCCB (2)
J1-101.15
4PSW 480V 3PH 30A
530R7W IEC 60309
PIN-SLEEVE RCPT (1)
BRN 10AWG
101.15
ORG 10AWG
101.17
YLW 10AWG
101.19
GRY 10AWG
101.21
GRN 10AWG
CB1-101.15A
2P 250V 30A 10KAIC
UL489 MCB (1)
J1-101.15A
2P3W 250V 1PH 30A
L6-30R NEMA
TWIST-LOCK RCPT (1)
BLK 10AWG
101.15A
RED 10AWG
101.17A
GRN 10AWG
CB1-101.23
1P 125V 20A 10KAIC
UL489 MCB (2)
J1-101.23
2P3W 125V 1PH 20A
5-20R NEMA QUAD
GFCI RCPT (2)
BLK 12AWG
101.23
WHT 12AWG
101.25
GRN 12AWG
101.14
101.14A
101.14B
CB1-101.28
3P 480V 60A 25KAIC
UL489 MCCB (3)
J1-101.28
4PSW 480V 3PH 60A
560R7W IEC 60309
PIN-SLEEVE RCPT (2)
BRN 6AWG
101.28
ORG 6AWG
101.30
YLW 6AWG
101.32
GRY 10AWG
101.21
GRN 10AWG
CB1-101.31
1P 125V 20A 10KAIC
UL489 MCB (3)
J1-101.31
2P3W 125V 1PH 20A
5-20R NEMA QUAD
GFCI RCPT (3)
RED 12AWG
101.31
WHT 12AWG
101.33
GRN 12AWG
101.13
101.13A
101.13B
101.13C
3PH 30KVA 480V - 400Y/230V
N3R TRANSFORMER
XF101.43
125% Prt. Per
NEC 450.3B
60HZ
CB1-101.41
3P 480V 45A 25KAIC
UL489 MCCB (4)
BRN 8AWG
101.41
BRN 8AWG
101.41A
ORG 8AWG
101.43
ORG 8AWG
101.43A
YLW 8AWG
101.45
YEL 8AWG
101.45A
CB1-101.41A
3P 480V 40A 25KAIC
UL489 MCCB (1)
BRN 8AWG
101.41B
ORG 8AWG
101.43B
YEL 8AWG
101.45B
J1-101.41
4PSW 400V 3PH 63A
563R8W IEC 60309
PIN-SLEEVE RCPT (1)
BRN 8AWG
101.41C
ORG 8AWG
101.43C
YEL 8AWG
101.45C
GRY 8AWG
101.47C
GRN 10AWG
GRY 10AWG
GRN 10AWG
BOND SECONDARY
NEUTRAL TO GROUND
LARSON ELECTRONICS
9419 E US HWY 175,
KEMP, TX 75143
TITLE
MPD-CW1-CLP5.125AB-YE30YK10SZ-E29.19.81.L09.N10-M1
DRAWN BY
D. DOWNS
DATE
01/02/2025
REV
A
CHECKED BY
SHEET #
1 OF 2
DRAWING #
101

TAGS	QTY	CATALOG	DESCRIPTION
P1-101.03	1	UNV00002276	150A 600V 8-4AWG MALE PANEL RECEPTACLE CAM LOCK-BROWN
P1-101.05	1	UNV00002278	150A 600V 8-4AWG MALE PANEL RECEPTACLE CAM LOCK-ORANGE
P1-101.07	1	UNV00002280	150A 600V 8-4AWG MALE PANEL RECEPTACLE CAM LOCK-YELLOW
P1-101.09	1	UNV00002279	150A 600V 8-4AWG MALE PANEL RECEPTACLE CAM LOCK-WHITE
P1-101-11	1	UNV00002277	150A 600V 8-4AWG MALE PANEL RECEPTACLE CAM LOCK-GREEN
P1-101.20	1	UTE100EFTU45	GROUND BAR KIT 14AWG TO 4AWG
PL-101.24	1	UNV00007136	2 HOLE ALCU GROUND LUG 1/0-14AWG
CBL-101.03 CBL-101.05 CBL-101.07 CBL-101.09	4	UNV00012862	4 AWG 1/C TYPE W 2KV CABLE
CB1-101.03	1	UNV00015184	125A 3P 480V 35KAIC UL489 MCCB
CB1-101.05	1	UNV00017603	25A 2P 480V 25KAIC UL489 MCCB
CB1-101.15	1	UNV00015172	30A 3P 480V 25KAIC UL489 MCCB
CB1-101.28	1	UNV00014728	60A 3P 480V 25KAIC UL489 MCCB
CB1-101.41	1	LSIS UTE100EFTU45	45A 3P 480V 25KAIC UL489 MCCB
CB1-101.15A	1	UNV00017628	30A 2P 250V 10KAIC UL489 DIN RAIL MOUNT BREAKER
CB1-101.23	2	UNV00017491	20A 1P 125V 10KAIC UL489 DIN RAIL MOUNT BREAKER
CB1-101.31	1	UNV00015173	40A 3P 480V 25KAIC UL489 MCCB
J1-101.15	1	UNV00012095	530R7W 4P5W 480Y/277V 30A IEC 60309 PIN & SLEEVE RECEPTACLE
J1-101.28	1	UNV00012096	560R7W 4P5W 480Y/277V 60A IEC 60309 PIN & SLEEVE RECEPTACLE
J1-101.15A	1	UNV00007127	L6-30R 2P3W 250V 30A NEMA TWIST LOCK RECEPTACLE
J1-101.23 J1-101.31	4	UNV00014533	5-20R 2P3W 125V 20A NEMA GFCI DUPLEX RECEPTACLE
J1-101.41	1	563R6W	563R6W 4P5W 400Y/231V 63A IEC 60309 PIN & SLEEVE RECEPTACLE
XF-101.06	1	UPC 47503734100	10KVA 1PH 480V PRIMARY - 120/240V SECONDARY N3R TRANSFORMER
XF-101.43	1	T48LH40-30	30KVA 3PH 480D PRIMARY - 400Y/231V SECONDARY N3R TRANSFORMER
DB-101.12 DB-101.12A DB-101.12B DB-101.12C DB1-101.12 DB1-101.12A DB1-101.12B	7	UNV00015084	POWER DISTRIBUTION BLOCK 175A 600V 1-4 OPENING

LARSON ELECTRONICS

9419 E US HWY 175,
KEMP, TX 75143

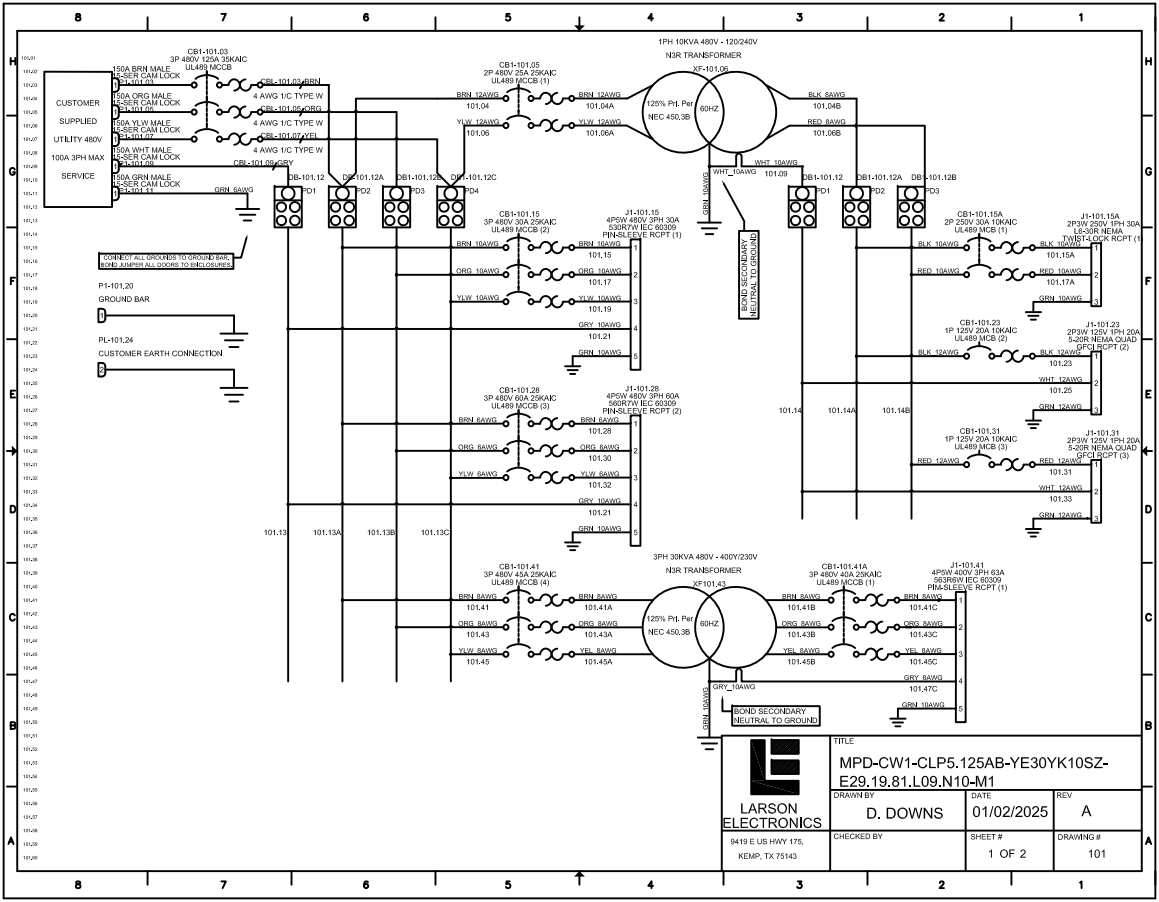
TITLE: MPD-CW1-CLP5.125AB-YE30YK10SZ-E29.19.81.L09.N10-M1

DRAWN BY	DATE	REV
D. DOWNS	01-02-2025	A
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	2 OF 2	103

REV	DESCRIPTION	DATE
A	PDU CREATE	01-02-2025

MPD-CW1-CLP5.125AB-YE30YK10SZ-E29.19.81.L09.N10-M1

LARSON ELECTRONICS®


CUSTOMER SUPPLIED UTILITY 480V 100A 3PH MAX SERVICE
CB1-101.03
3P 480V 125A 35KAIC
UL489 MCCB
150A BRN MALE
LOSER CAM LOCK
P1-101.01
CB1-101.03-BRN
4 AWG 1/C TYPE W
60A ORG MALE
LOSER CAM LOCK
P1-101.05
CB1-101.05-ORG
4 AWG 1/C TYPE W
60A YLW MALE
LOSER CAM LOCK
P1-101.07
CB1-101.07-YEL
4 AWG 1/C TYPE W
60A WHT MALE
LOSER CAM LOCK
P1-101.09
CB1-101.09-GRY
4 AWG 1/C TYPE W
100A GRN MALE
LOSER CAM LOCK
P1-101.11
GRN 6AWG
CB1-101.05
2P 480V 25A 25KAIC
UL489 MCCB (1)
BRN 12AWG
101.04
BRN 12AWG
101.04A
YLW 12AWG
101.06
YLW 12AWG
101.06A
1PH 10KVA 480V - 120/240V
N3R TRANSFORMER
XF-101.09
125% Prt. Per
NEC 450.3B
60HZ
BLK 8AWG
101.04B
RED 8AWG
101.06B
WHT 10AWG
101.09
WHT 10AWG
GRN 10AWG
BOND SECONDARY
NEUTRAL TO GROUND
DB-101.12
DB-101.12A
DB-101.12B
DB-101.12C
PD1
PD2
PD3
PD4
CONNECT ALL GROUNDS TO GROUND BAR.
BOND JUMPER ALL DOORS TO ENCLOSURE.
P1-101.20
GROUND BAR
PL-101.24
CUSTOMER EARTH CONNECTION
CB1-101.15
3P 480V 30A 25KAIC
UL489 MCCB (2)
J1-101.15
4PSW 480V 3PH 30A
530R7W IEC 60309
PIN-SLEEVE RCPT (1)
BRN 10AWG
101.15
ORG 10AWG
101.17
YLW 10AWG
101.19
GRY 10AWG
101.21
GRN 10AWG
CB1-101.15A
2P 250V 30A 10KAIC
UL489 MCB (1)
J1-101.15A
2P3W 250V 1PH 30A
L6-30R NEMA
TWIST-LOCK RCPT (1)
BLK 10AWG
101.15A
RED 10AWG
101.17A
GRN 10AWG
CB1-101.23
1P 125V 20A 10KAIC
UL489 MCB (2)
J1-101.23
2P3W 125V 1PH 20A
5-20R NEMA QUAD
GFCI RCPT (2)
BLK 12AWG
101.23
WHT 12AWG
101.25
GRN 12AWG
101.14
101.14A
101.14B
CB1-101.28
3P 480V 60A 25KAIC
UL489 MCCB (3)
J1-101.28
4PSW 480V 3PH 60A
560R7W IEC 60309
PIN-SLEEVE RCPT (2)
BRN 6AWG
101.28
ORG 6AWG
101.30
YLW 6AWG
101.32
GRY 10AWG
101.21
GRN 10AWG
CB1-101.31
1P 125V 20A 10KAIC
UL489 MCB (3)
J1-101.31
2P3W 125V 1PH 20A
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WHT 12AWG
101.33
GRN 12AWG
101.13
101.13A
101.13B
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3PH 30KVA 480V - 400Y/230V
N3R TRANSFORMER
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125% Prt. Per
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CB1-101.41
3P 480V 45A 25KAIC
UL489 MCCB (4)
BRN 8AWG
101.41
BRN 8AWG
101.41A
ORG 8AWG
101.43
ORG 8AWG
101.43A
YLW 8AWG
101.45
YEL 8AWG
101.45A
CB1-101.41A
3P 480V 40A 25KAIC
UL489 MCCB (1)
BRN 8AWG
101.41B
ORG 8AWG
101.43B
YEL 8AWG
101.45B
J1-101.41
4PSW 400V 3PH 63A
563R8W IEC 60309
PIN-SLEEVE RCPT (1)
BRN 8AWG
101.41C
ORG 8AWG
101.43C
YEL 8AWG
101.45C
GRY 8AWG
101.47C
GRN 10AWG
GRY 10AWG
GRN 10AWG
BOND SECONDARY
NEUTRAL TO GROUND
LARSON ELECTRONICS
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KEMP, TX 75143
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SHEET #
1 OF 2
DRAWING #
101

TAGS	QTY	CATALOG	DESCRIPTION
P1-101.03	1	UNV00002276	150A 600V 8-4AWG MALE PANEL RECEPTACLE CAM LOCK-BROWN
P1-101.05	1	UNV00002278	150A 600V 8-4AWG MALE PANEL RECEPTACLE CAM LOCK-ORANGE
P1-101.07	1	UNV00002280	150A 600V 8-4AWG MALE PANEL RECEPTACLE CAM LOCK-YELLOW
P1-101.09	1	UNV00002279	150A 600V 8-4AWG MALE PANEL RECEPTACLE CAM LOCK-WHITE
P1-101-11	1	UNV00002277	150A 600V 8-4AWG MALE PANEL RECEPTACLE CAM LOCK-GREEN
P1-101.20	1	UTE100EFTU45	GROUND BAR KIT 14AWG TO 4AWG
PL-101.24	1	UNV00007136	2 HOLE ALCU GROUND LUG 1/0-14AWG
CBL-101.03 CBL-101.05 CBL-101.07 CBL-101.09	4	UNV00012862	4 AWG 1/C TYPE W 2KV CABLE
CB1-101.03	1	UNV00015184	125A 3P 480V 35KAIC UL489 MCCB
CB1-101.05	1	UNV00017603	25A 2P 480V 25KAIC UL489 MCCB
CB1-101.15	1	UNV00015172	30A 3P 480V 25KAIC UL489 MCCB
CB1-101.28	1	UNV00014728	60A 3P 480V 25KAIC UL489 MCCB
CB1-101.41	1	LSIS UTE100EFTU45	45A 3P 480V 25KAIC UL489 MCCB
CB1-101.15A	1	UNV00017628	30A 2P 250V 10KAIC UL489 DIN RAIL MOUNT BREAKER
CB1-101.23	2	UNV00017491	20A 1P 125V 10KAIC UL489 DIN RAIL MOUNT BREAKER
CB1-101.31	1	UNV00015173	40A 3P 480V 25KAIC UL489 MCCB
J1-101.15	1	UNV00012095	530R7W 4P5W 480Y/277V 30A IEC 60309 PIN & SLEEVE RECEPTACLE
J1-101.28	1	UNV00012096	560R7W 4P5W 480Y/277V 60A IEC 60309 PIN & SLEEVE RECEPTACLE
J1-101.15A	1	UNV00007127	L6-30R 2P3W 250V 30A NEMA TWIST LOCK RECEPTACLE
J1-101.23 J1-101.31	4	UNV00014533	5-20R 2P3W 125V 20A NEMA GFCI DUPLEX RECEPTACLE
J1-101.41	1	563R6W	563R6W 4P5W 400Y/231V 63A IEC 60309 PIN & SLEEVE RECEPTACLE
XF-101.06	1	UPC 47503734100	10KVA 1PH 480V PRIMARY - 120/240V SECONDARY N3R TRANSFORMER
XF-101.43	1	T48LH40-30	30KVA 3PH 480D PRIMARY - 400Y/231V SECONDARY N3R TRANSFORMER
DB-101.12 DB-101.12A DB-101.12B DB-101.12C DB1-101.12 DB1-101.12A DB1-101.12B	7	UNV00015084	POWER DISTRIBUTION BLOCK 175A 600V 1-4 OPENING

LARSON ELECTRONICS

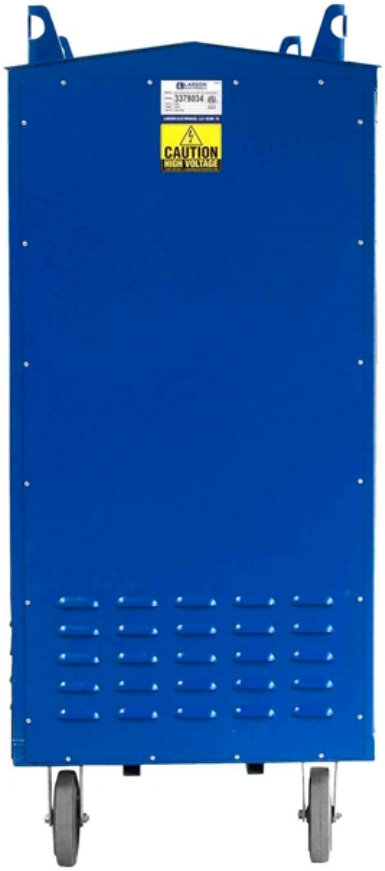
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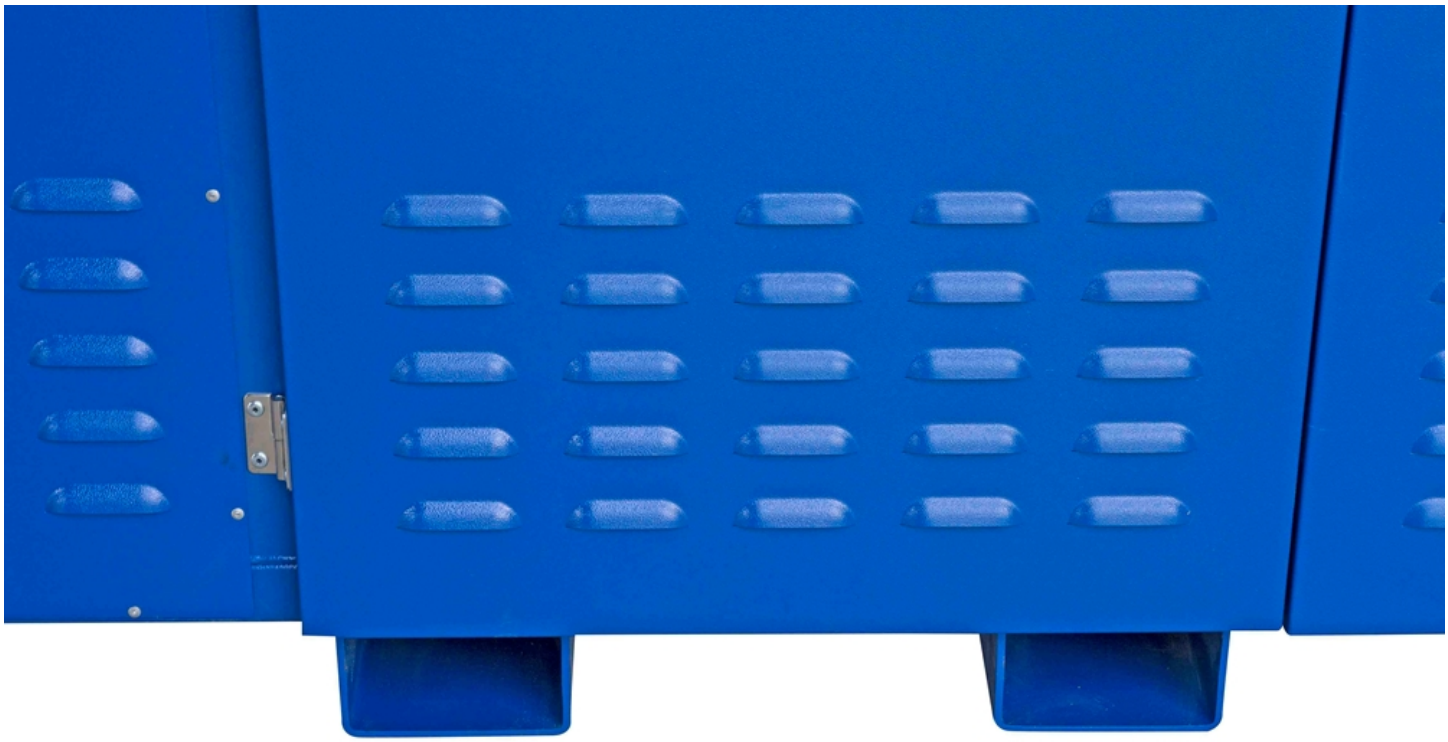
TITLE: MPD-CW1-CLP5.125AB-YE30YK10SZ-E29.19.81.L09.N10-M1

DRAWN BY	DATE	REV
D. DOWNS	01-02-2025	A
CHECKED BY	SHEET #	DRAWING #
	2 OF 2	103






3378034
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

Certification

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

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

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

The MGL, MPD, MGS, WAL Series from Larson Electronics LLC utilize components certified to NEC and CEC standards. Larson Electronics LLC specifies wiring device standard designations (e.g. NEMA 5-20R, NEMA L6-30R, CS8265C) in the electrical diagrams and spec sheet of each product. Unless specified, the brands of components used, which may vary based on availability at the time of build, include but are not limited to: Hubbell, Leviton, Molex, Daniel Woodhead, Legrand, Eaton, Thomas & Betts, Russel Stroll, Meltric, Mennekes, ABB Group, Emerson, Appleton, Crouse Hinds, Killark, R.Stahl, or other certified equipment manufacturers.

Signed for and on behalf of: Larson Electronics, LLC
Place of issue: Kemp, TX

Signature: James Thomas

Name: James Thomas
Position: Operations Manager

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TECHNICAL INFORMATION

POWDURA® POLYESTER TGIC
POWDER COATING

PRODUCT DESCRIPTION

PLR2-60002
RAL 5010 GENT BLUE

POWDURA® Polyester TGIC Powder Coatings are recommended for a broad range of interior/exterior functional and decorative applications.

Advantages:

- Provides excellent overbake resistance
- Good chemical resistance
- Very good outdoor exposure qualities
- Wide range of special effects available
- Available in a broad range of colors

Many applications, including:
Steel Furniture
Refrigeration
Electronic Cabinetry
Scaffolding
Electrical Equipment
Instrument Housings

Appliances
Sporting Goods

Storage: Powdura® Powder Coatings should be kept in a dry and cool area at temperatures below 80°F (27°C). When not in use, store powder in sealed containers: fine powders are hygroscopic.

Substrate Preparation: Substrate should be free of grease, oil, dirt, fingerprints, drawing compounds, any contamination, and surface preparation treatments to ensure optimum adhesion and coating performance properties. The use of a chemical conversion coating prior to the application of a powder coating is strongly recommended.

Testing: Due to the wide variety of substrates, surface preparation methods, application methods, and environments, the customer should test the complete system for adhesion, compatibility and performance prior to full-scale application.

CAUTIONS

Thoroughly review product SDS prior to using this product. Please consult your local sales representative or your local Sherwin-Williams facility for additional information.

Special Advisory: River texture type finishes are unique finishes that may vary with application, film thickness and cure conditions. Light colors and very dark colors may occasionally show colored specks that appear as contamination. This is the nature of this type of finish and cannot be predicted or controlled. Thorough cleaning is required when switching to a normal smooth powder coating to prevent craters in the smooth finish.

APPLICATION

Cure Schedule:	10 MIN @ 400F
Film Thickness Range(mils):	3.0-5.0

ATTRIBUTES

Specific Gravity(g/ml):	1.72
Coverage at 1.0 Mil(ft^2/lb):	112.4
60° Gloss: (ASTM D-523)	15-30
Adhesion: (ASTM D-3359)	5B
Flexibility: (ASTM D-522)	Pass 1/8"
Pencil Hardness: (ASTM D-3363)	H-2H
Impact Resistance(in.lb): (ASTM D-2794)	Dir 100 in-lbs Rev 100 in-lbs

Note: Performance measured using 24-gauge Bonderite® 1000 test panels.

Shelf Life:	12 Months

Sherwin-Williams recommends that all material be used in FIFO order (first in - first out). Materials that exceed the recommended shelf life should be tested prior to use.

Note:
Product Data Sheets are periodically updated to reflect new information relating to the product. It is important that the customer obtain the most recent Product Data Sheet for the product being used. The information, rating and opinions stated above pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variations in customer handling and methods of application, which are not known, or under our control, The Sherwin-Williams Company cannot make any warranties or guaranties as to the end results.

08 00

Grove City Product Mod

24-Mar-2020

Material Safety Data Sheet

To Whom It May Concern,

Larson Electronics LLC MGL, MPD, MGS, WAL Series industrial line of portable power distribution systems are considered "ARTICLES" under 29 CFR 1910-1200, the OSHA Hazard Communication Standard, and do not require a Material Safety Data Sheet (MSDS).

Articles are specifically exempt from the regulations of this standard. OSHA defines an article as follows:

1910-1200(c) – Article means a manufactured item other than a fluid or particle:

i. Which is formed to a specific shape or design during manufacture;
ii. Which has end use function(s) dependent in whole or in part upon its shape or design during end use; and
iii. Which under normal conditions does not release more than very small quantities.

Regards,

Ray Smith
Larson Electronics, LLC.

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

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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.

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

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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.

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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

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

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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

The MGL, MPD, MGS, WAL series complies with the below standards set forth by the listed Association's requirements. Purchased and manufactured components are evaluated to Larson Electronics LLC Quality Control Management system per ISO 9001:2015. This certification applies to all specimens manufactured in accordance to the manufacture's drawings.

Evaluated Standards:

AISC: Structural steel skid design
NFPA 70: National Electrical Code
ASTM A36: Standard Specification for Carbon Structural Steel
ASTM A123: Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products
ASTM A153: Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware
ASTM A489: Standard Specification for Carbon Steel Lifting Eyes
ASTM A502: Standard Specification for Rivets, Steel, Structural
ASTM A563: Standard Specification for Carbon and Alloy Steel Nuts
ASTM A500: Standard Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes
ASTM B172: Standard Specification for Rope-Lay-Stranded Copper Conductors Having Bunch-Stranded Members, for Electrical Conductors
ASTM D7803: Standard Practice for Preparation of Zinc (Hot-Dip Galvanized) Coated Iron and Steel Product and Hardware Surfaces for Powder Coating
SAE J429: Mechanical and Material Requirements for Externally Threaded Fasteners
AWS D1.1: Structural Welding – Steel
ICEA S-58-679: Standard for Control, Instrumentation and Thermocouple Extension Conductor Identification
ICEA S-75-381: Portable and Power Feeder Cables for Use in Mines and Similar Applications
NEMA OFP 1-2017: Protection of Receptacle Outlets in Wet Locations According to the National Electrical Code

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NEMA PB 1-2011: Panelboards
NEMA ST 20-2014: Dry Type Transformers for General Applications
NEMA WD 1-1999 (R2015): General Color Requirements for Wiring Devices
ANSI C80.1-2015: American National Standard for Electric Rigid Steel Conduit
ANSI C119.4-2016: American National Standard for Electric Connectors
ANSI Z535.4-2011: American National Standard for Product Safety Signs and Labels
ANSI/IEC 60529-2004 (R2011): American National Standard for Degrees of Protection Provided by Enclosures (IP Code)

Signed for and on behalf of: Larson Electronics, LLC
Place of issue: Kemp, TX

Signature: James Thomas

Name: James Thomas
Position: Operations Manager

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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:

CE: DIRECTIVE 2014/35/EU - LOW VOLTAGE DIRECTIVE
CE: DIRECTIVE 2014/30/EU - EMC DIRECTIVE
CE: Regulation (EC) No 1907/2006 - REACH REGULATION
CE: DIRECTIVE 2015/863/EU - ROHS DIRECTIVE

The MGL, MPD, MGS, WAL series complies with the essential protection requirements of the European Parliament of the Council Directive for Low Voltage Directive, EMC Directive, REACH Regulation, and RoHS Directive. This certification applies to all specimens manufactured in accordance to the manufacture's drawings.

Signed for and on behalf of: Larson Electronics, LLC
Place of issue: Kemp, TX

Signature: James Thomas

Name: James Thomas
Position: Operations Manager

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Certification

Manufacturer: Larson Electronics LLC
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Declare the following equipment conforms to the standard(s) as listed:

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

Evaluated Listings:

CE: Regulation (EC) No 1907/2006 - REACH REGULATION
CE: DIRECTIVE 2015/863/EU - ROHS DIRECTIVE

This is to certify that products offered by Larson Electronics LLC comply with the Reduction of Hazardous Substances (RoHS) directives. Directive 2002/95/EC became effective on 1 July 2006. It restricts the use of six substances in the manufacture of electrical and electronic equipment. This directive was revised in June 2011 and is now referred to as directive 2011/65/EU. Directive 2015/863/EU amending Annex II to Directive 2011/65/EU announced plans to add four substances from 22 July 2019.

We hereby certify that the equipment specified above conforms to the Directive(s) by containing less of the restricted substances than the stated limits.

Signed for and on behalf of: Larson Electronics, LLC
Place of issue: Kemp, TX

Signature: James Thomas

Name: James Thomas
Position: Operations Manager

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

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

Evaluated Listings:

CE: Regulation (EC) No 1907/2006 - REACH REGULATION

This letter establishes the opinion of Larson Electronics LLC regarding the status, under the current European Union (“EU”) Regulations on Registration, Evaluation, Authorization, and Restriction of Chemical Substances (“REACH”).

REACH does not apply to manufactured products which are referred to as “completed articles”. Substances (chemicals) are subject to REACH registration, NOT products.

In addition, Articles are exempt from the REACH requirements if (a) the Article does not contain a substance of very high concern or candidate substance in an amount exceeding 0.1% weight by weight, and (b) if substances present in the Article in excess of 1 ton per year per importer are not expected nor intended to be released.

Based on communication with our raw material suppliers, we conclude that to the best of our knowledge our products requiring REACH compliance do not contain any of the currently listed SVHC in concentrations of 0.1% or above.

Accordingly, we foresee no registration or pre-registration requirement for the products we supply.

Signed for and on behalf of: Larson Electronics, LLC
Place of issue: Kemp, TX

Signature: James Thomas

Name: James Thomas
Position: Operations Manager

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p: 1-800-369-6671 • intl: 903-498-3363 • f: 903-498-3364 • sales@larsonelectronics.com

Frequently Asked Questions (FAQ)