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-CW11-TB.200AB-DE75YT-PQ-C06.C04.E15.L22.N10-M1

75 KVA Portable Power Distribution Transformer - 480V to 208Y/120V, 3PH - (2) CS8169 (8) CS6369 (1) 430R9W (1) L14-30R (4) 5-20R GFCI Duplex Outlets, NEMA 3R

Product ID: 316048



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.

This unit is Made In USA - Manufactured in Texas

MPD-CW11-TB.200AB-DE75YT-PQ-C06.C04.E15.L22.N10-M1 Power Distribution

Line-In Cord: Not Included - Requires Minimum Use Wiring 200A Rated Cu @ [600V] (Customer Provided**)**
Line-In Cord Cap: Not Included – Requires Minimum Use Device 200A @ [480V] (Customer Provided**)**
Primary Voltage: 480V AC Delta
Primary Phase (PH): 3-Phase (1PH)
Primary Frequency (HZ): 60 Hz (60-cycles)
Primary Panel: 480V 3PH 200A MCCB N3R
Primary Breaker(s): (1) 100A 3P MCCB [480V]; (2) 50A 3P MCCB [480V]
Primary Outlet(s): (2) CS8169 California Standard Twist-Lock [480V]
Primary Protection: MCCB Circuit Breakers
Transformer: 75KVA 480V – 208Y/120V 3PH N3R
Secondary Voltage: 208Y/120V AC Wye
Secondary Phase (PH): 3-Phase (1PH)
Secondary Frequency (HZ): 60 Hz (60-cycles)
Secondary Panel: 208Y/120V 3PH 225A MCCB N3R
Secondary Breaker(s): (8) 50A 2P MCB [125/250V]; (1) 30A 3P MCB [250V]; (1) 30A 2P MCB [125/250V]; (4) 20A 1P MCB [125V]
Secondary Outlet(s): (8) CS6369 California Standard Twist-Lock [125/250V]; (1) 430R9W Pin & Sleeve [250V]; (1) L14-30R Twist-Lock [125/250V]; (4) 5-20R NEMA DUPLX-GFCI [125V]
Secondary Protection: MCCB Circuit Breakers; MCB Circuit Breakers; GFCI's
Form Factor: Blue Powder Coated Steel Open Cube Skid w/ Casters
Frame Materials: Powder Coated Steel Frame
Dimensions (w/ Casters): (*Please note that dimensions are approximate and subject to change*) 56"-L x 48"-W x 75"-H
Dimensions (w/o Casters): (*Please note that dimensions are approximate and

Ratings

Max OCP Primary: 200A @ 480V

Max Secondary Output: 225A @ 208V

NEMA 3R Indoor / Outdoor Use
Made in the USA

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

subject to change*) 56"-L x 48"-W x 81.5"-H

Weight: (*Please note that weight is approximate and subject to change*) 2000 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.

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

This unit is Made In USA - Manufactured in Texas

The MPD-CW11-TB.200AB-DE75YT-PQ-C06.C04.E15.L22.N10-M1 from Larson Electronics is a Power Distribution Substation that converts three-phase 480V AC Delta electrical current into three-phase 208Y/120V AC Wye. This 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

Operation:

- Primary Voltage: 480V AC Delta 3PH
- Primary Panel: 480V 3PH 200A MCCB N3R
- Primary Breaker(s): (1) 100A 3P MCCB [480V]; (2) 50A 3P MCCB [480V]
- Primary Outlet(s): (2) CS8169 California Standard Twist-Lock [480V]
- Transformer: 75KVA 480V to 208Y/120V 3PH N3R
- Secondary Voltage: 208Y/120V AC Wye 3PH
- Secondary Panel: 208Y/120V 3PH 225A MCCB N3R
- Secondary Breaker(s): (8) 50A 2P MCB [125/250V]; (1) 30A 3P MCB [250V]; (1) 30A 2P MCB [125/250V]; (4) 20A 1P MCB [125V]
- Secondary Outlet(s): (8) CS6369 California Standard Twist-Lock [125/250V]; (1) 430R9W Pin & Sleeve [250V]; (1) L14-30R Twist-Lock [125/250V]; (4) 5-20R NEMA DUPLX-GFCI [125V]

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

Portable Power Distribution Purpose and Use: The MPD-CW11-TB.200AB-DE75YT-PQ-C06.C04.E15.L22.N10-M1 portable power distribution system gives operators the ability to power their equipment from a single system. On the primary side, operators connect 480 volt using a customer provided cord. On the secondary side, operators may access a secondary panel with outlets.

Operation: A customer provided cord brings three-phase 480V power to the primary panel and passes power to the transformer. The NEMA 3R 75 KVA transformer converts 480V to three-phase 208Y/120V AC, 60 Hz and passes the current to the secondary side. The secondary side of the transformer is equipped with a NEMA 3R 225-amp, three-phase MCCB panel. This panel contains eight 50-amp 2-pole 125/250V miniature circuit breakers protecting eight CS6369 outlets, one 30-amp 3-pole 250V miniature circuit breaker protecting one 430R9W outlet, one 30-amp 2-pole 125/250V miniature circuit breaker protecting one L14-30R outlet, and four 20-amp 1-pole 125V miniature circuit breakers protecting four 5-20R GFCI duplex outlets.

Protective Construction: Unlike many portable power distribution boxes made of plastic and utilizing thin gauge, low grade metals in their construction, this unit is designed for serious use and is ruggedly constructed to withstand demanding conditions and heavy duty industrial applications. The transformer and load assembly is mounted on a 3/16" thick carbon steel mounting platform and the load center/distribution assembly is mounted to the standard 2" x 2" x 1/8" square carbon steel tubing frame, resulting in an extremely stable, durable and well protected power distribution platform. This model is equipped with forklift skid pockets, locking casters, and a top located lifting eyelet which allows easy lifting with cable or chain hooks. This can be replaced for an additional cost with stainless steel, hot dip galvanized steel, or aluminum depending on the customer's needs. Larger units are available upon request and can be equipped with skids or trailer mounted.

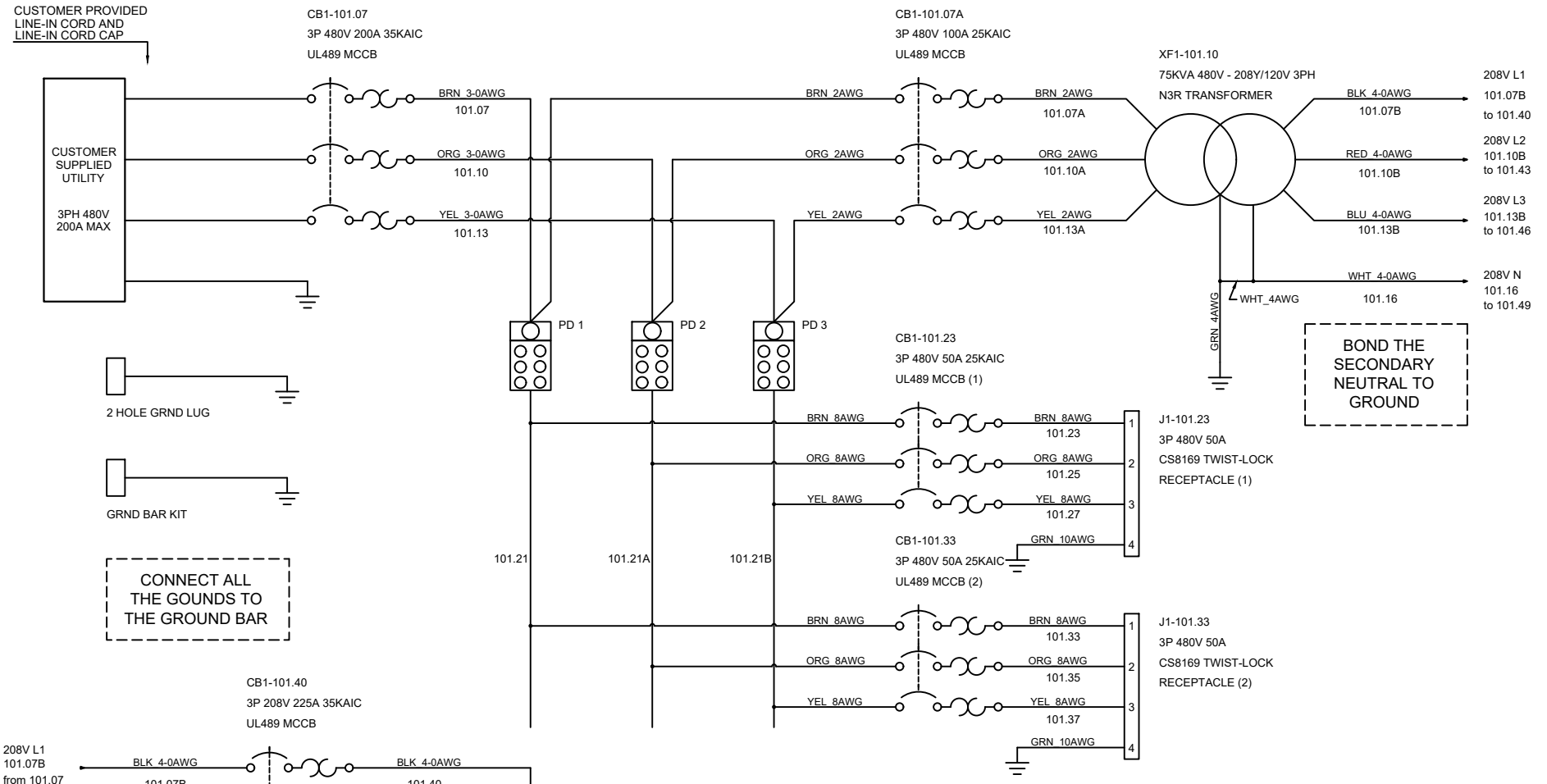
Certification: All units are built in accordance to NFPA 70 (National Electric Code). All equipment is NEMA 3R rated for indoor and outdoor use and provide a

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	QUOTE	03/22/2025

MPD-CW11-TB.200AB-DE75YT-PQ-C06
.C04.E15.L22.N10-M1

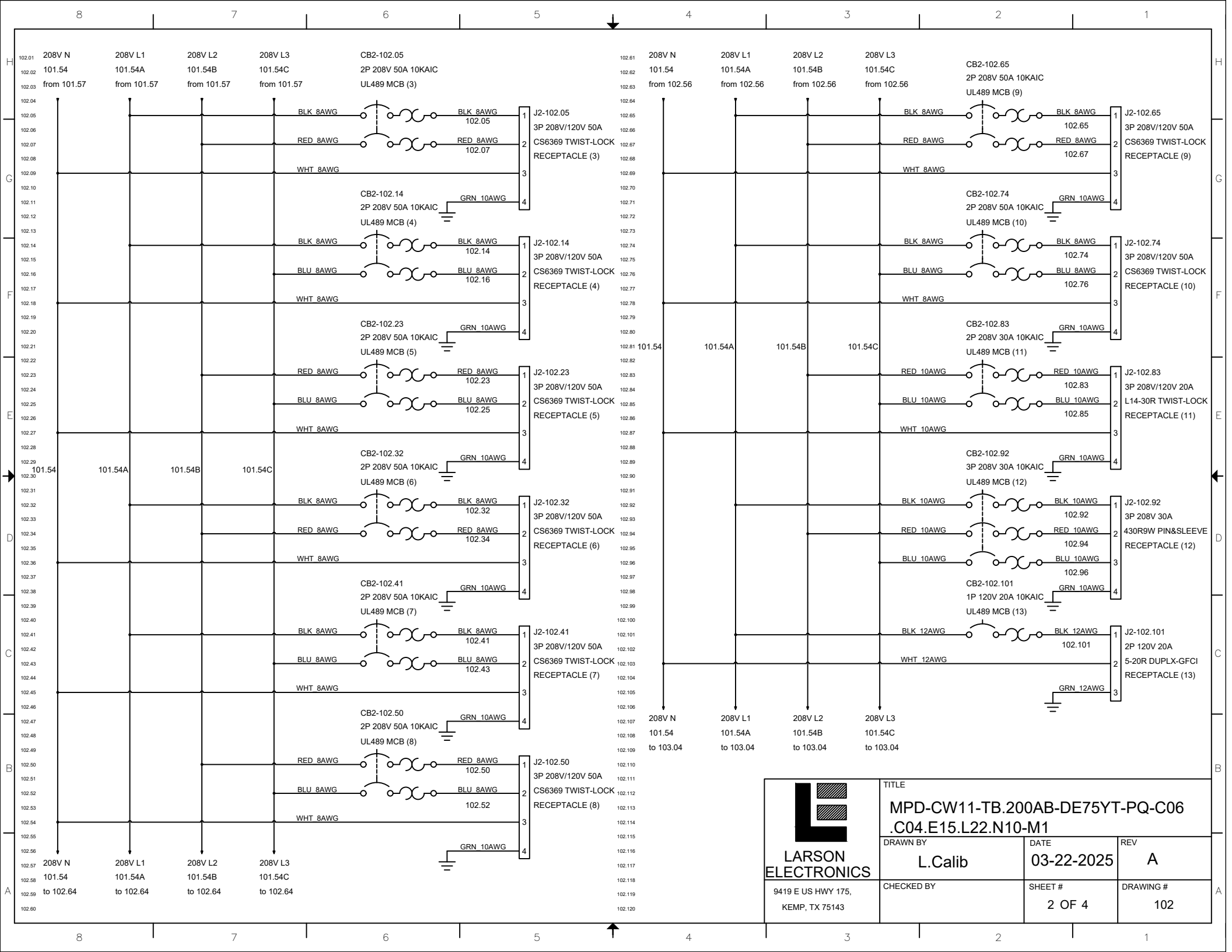
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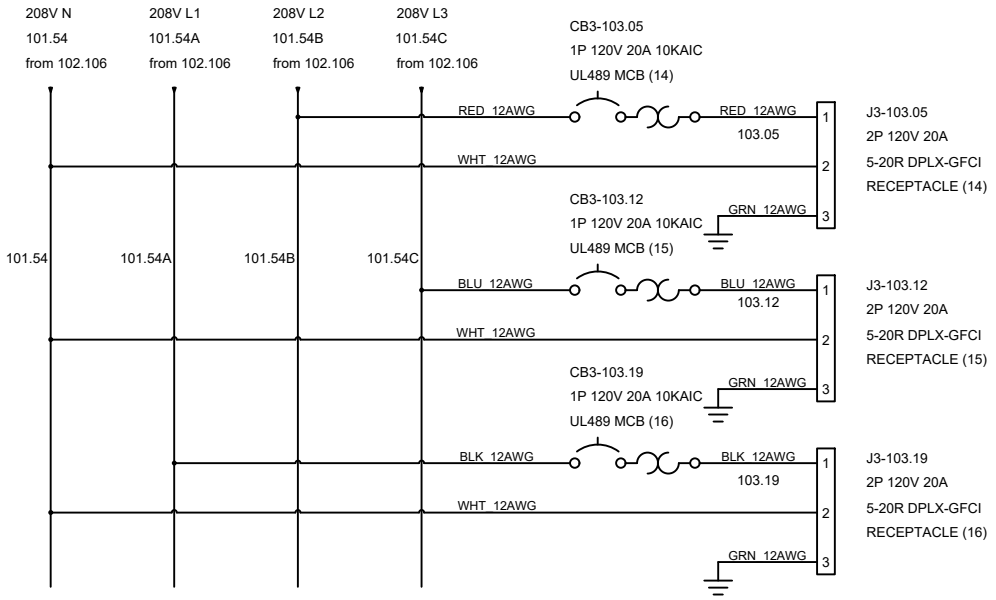


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9419 E US HWY 175,
KEMP, TX 75143

TITLE: MPD-CW11-TB.200AB-DE75YT-PQ-C06 .C04.E15.L22.N10-M1		
DRAWN BY: L.Calib	DATE: 03-22-2025	REV: A
CHECKED BY:	SHEET #: 1 OF 4	DRAWING #: 101


208V N
101.54
from 101.57
208V L1
101.54A
from 101.57
208V L2
101.54B
from 101.57
208V L3
101.54C
from 101.57
CB2-102.05
2P 208V 50A 10KAIC
UL489 MCB (3)
BLK 8AWG
RED 8AWG
WHT 8AWG
GRN 10AWG
BLK 8AWG 102.05
RED 8AWG 102.07
J2-102.05
3P 208V/120V 50A
CS6369 TWIST-LOCK
RECEPTACLE (3)
CB2-102.14
2P 208V 50A 10KAIC
UL489 MCB (4)
BLK 8AWG
BLU 8AWG
WHT 8AWG
GRN 10AWG
BLK 8AWG 102.14
BLU 8AWG 102.16
J2-102.14
3P 208V/120V 50A
CS6369 TWIST-LOCK
RECEPTACLE (4)
CB2-102.23
2P 208V 50A 10KAIC
UL489 MCB (5)
RED 8AWG
BLU 8AWG
WHT 8AWG
GRN 10AWG
RED 8AWG 102.23
BLU 8AWG 102.25
J2-102.23
3P 208V/120V 50A
CS6369 TWIST-LOCK
RECEPTACLE (5)
CB2-102.32
2P 208V 50A 10KAIC
UL489 MCB (6)
BLK 8AWG
RED 8AWG
WHT 8AWG
GRN 10AWG
BLK 8AWG 102.32
RED 8AWG 102.34
J2-102.32
3P 208V/120V 50A
CS6369 TWIST-LOCK
RECEPTACLE (6)
CB2-102.41
2P 208V 50A 10KAIC
UL489 MCB (7)
BLK 8AWG
BLU 8AWG
WHT 8AWG
GRN 10AWG
BLK 8AWG 102.41
BLU 8AWG 102.43
J2-102.41
3P 208V/120V 50A
CS6369 TWIST-LOCK
RECEPTACLE (7)
CB2-102.50
2P 208V 50A 10KAIC
UL489 MCB (8)
RED 8AWG
BLU 8AWG
WHT 8AWG
GRN 10AWG
RED 8AWG 102.50
BLU 8AWG 102.52
J2-102.50
3P 208V/120V 50A
CS6369 TWIST-LOCK
RECEPTACLE (8)
208V N
101.54
to 102.64
208V L1
101.54A
to 102.64
208V L2
101.54B
to 102.64
208V L3
101.54C
to 102.64
208V N
101.54
from 102.56
208V L1
101.54A
from 102.56
208V L2
101.54B
from 102.56
208V L3
101.54C
from 102.56
CB2-102.65
2P 208V 50A 10KAIC
UL489 MCB (9)
BLK 8AWG
RED 8AWG
WHT 8AWG
GRN 10AWG
BLK 8AWG 102.65
RED 8AWG 102.67
J2-102.65
3P 208V/120V 50A
CS6369 TWIST-LOCK
RECEPTACLE (9)
CB2-102.74
2P 208V 50A 10KAIC
UL489 MCB (10)
BLK 8AWG
BLU 8AWG
WHT 8AWG
GRN 10AWG
BLK 8AWG 102.74
BLU 8AWG 102.76
J2-102.74
3P 208V/120V 50A
CS6369 TWIST-LOCK
RECEPTACLE (10)
CB2-102.83
2P 208V 30A 10KAIC
UL489 MCB (11)
RED 10AWG
BLU 10AWG
WHT 10AWG
GRN 10AWG
RED 10AWG 102.83
BLU 10AWG 102.85
J2-102.83
3P 208V/120V 20A
L14-30R TWIST-LOCK
RECEPTACLE (11)
CB2-102.92
3P 208V 30A 10KAIC
UL489 MCB (12)
BLK 10AWG
RED 10AWG
BLU 10AWG
GRN 10AWG
BLK 10AWG 102.92
RED 10AWG 102.94
BLU 10AWG 102.96
J2-102.92
3P 208V 30A
430R9W PIN&SLEEVE
RECEPTACLE (12)
CB2-102.101
1P 120V 20A 10KAIC
UL489 MCB (13)
BLK 12AWG
WHT 12AWG
GRN 12AWG
BLK 12AWG 102.101
J2-102.101
2P 120V 20A
5-20R DUPLX-GFCI
RECEPTACLE (13)
101.54
101.54A
101.54B
101.54C
208V N
101.54
to 103.04
208V L1
101.54A
to 103.04
208V L2
101.54B
to 103.04
208V L3
101.54C
to 103.04
LARSON ELECTRONICS
9419 E US HWY 175,
KEMP, TX 75143
TITLE
MPD-CW11-TB.200AB-DE75YT-PQ-C06
.C04.E15.L22.N10-M1
DRAWN BY
L.Calib
DATE
03-22-2025
REV
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CHECKED BY
SHEET #
2 OF 4
DRAWING #
102



LARSON ELECTRONICS

9419 E US HWY 175,
KEMP, TX 75143

TITLE: MPD-CW11-TB.200AB-DE75YT-PQ-C06 .C04.E15.L22.N10-M1			
DRAWN BY: L.Calib	DATE: 03-22-2025	REV: A	
CHECKED BY:	SHEET #: 3 OF 4	DRAWING #: 103	

TAGS	QTY	CATALOG	DESCRIPTION
J2-102.05 J2-102.14 J2-102.23 J2-102.32 J2-102.41 J2-102.50 J2-102.65 J2-102.74	8	UNV00008818	CS6369 50A 250V 3P RECEPTACLE
J2-102.92	1	UNV00012092	430R9W 30A 3P 250V RECEPTACLE
2 HOLE GRND LUG	1	UNV00007136	2 HOLE GROUND LUG
J1-101.23 J1-101.33	2	UNV00008902	CS8169 3P 50A 480V LOCK RECEPTACLE
J2-102.101 J3-103.05 J3-103.12 J3-103.19	4	UNV00014533	5-20R 1P 20A 125V GFCI RECEPTACLE
J2-102.83	1	UNV00006737	2P 250V 30A L14-30R LOCKING RECEPTACLE
CB1-101.07	1	UNV00014726	3P 200A 240/480V MCCB
CB2-102.05 CB2-102.14 CB2-102.23 CB2-102.32 CB2-102.41 CB2-102.50 CB2-102.65 CB2-102.74	8	UNV00014731	2P 250V 50A DIN RAIL MOUNT MCCB UL489
CB2-102.92	1	UNV00015171	3P 30A 240V UL489 DIN RAIL MOUNT CIRCUIT BREAKER
CB1-101.23 CB1-101.33	2	UNV00015176	3P 50A 250/480V DIN RAIL MCCB
CB1-101.40	1	UNV00015187	3P 480V 225A UL489 MCCB
CB2-102.101 CB3-103.05 CB3-103.12 CB3-103.19	4	UNV00017491	1P 125V 20A 10KA UL489 DIN RAIL MOUNT BREAKER
CB2-102.83	1	UNV00017628	2P 240V 30A UL489 CIRCUIT BREAKER
CB1-101.07A	1	UNV00014727	3P 100A 240/480VAC MCCB
PD 4	1	UNV00015085	POWER DISRIBUTION BLOCK 2-12 OPENING 570A
PD 1 PD 2 PD 3 PD 5 PD 6 PD 7	6	UNV00016633	POWER DISTRIBUTION BLOCK 380A 1-6 OPENING
GRND BAR KIT	1	UNV00013942C	GROUND BAR KIT
XF1-101.10	1	UNV00001275	480DTO 208Y 75KVA TRANSFORMER

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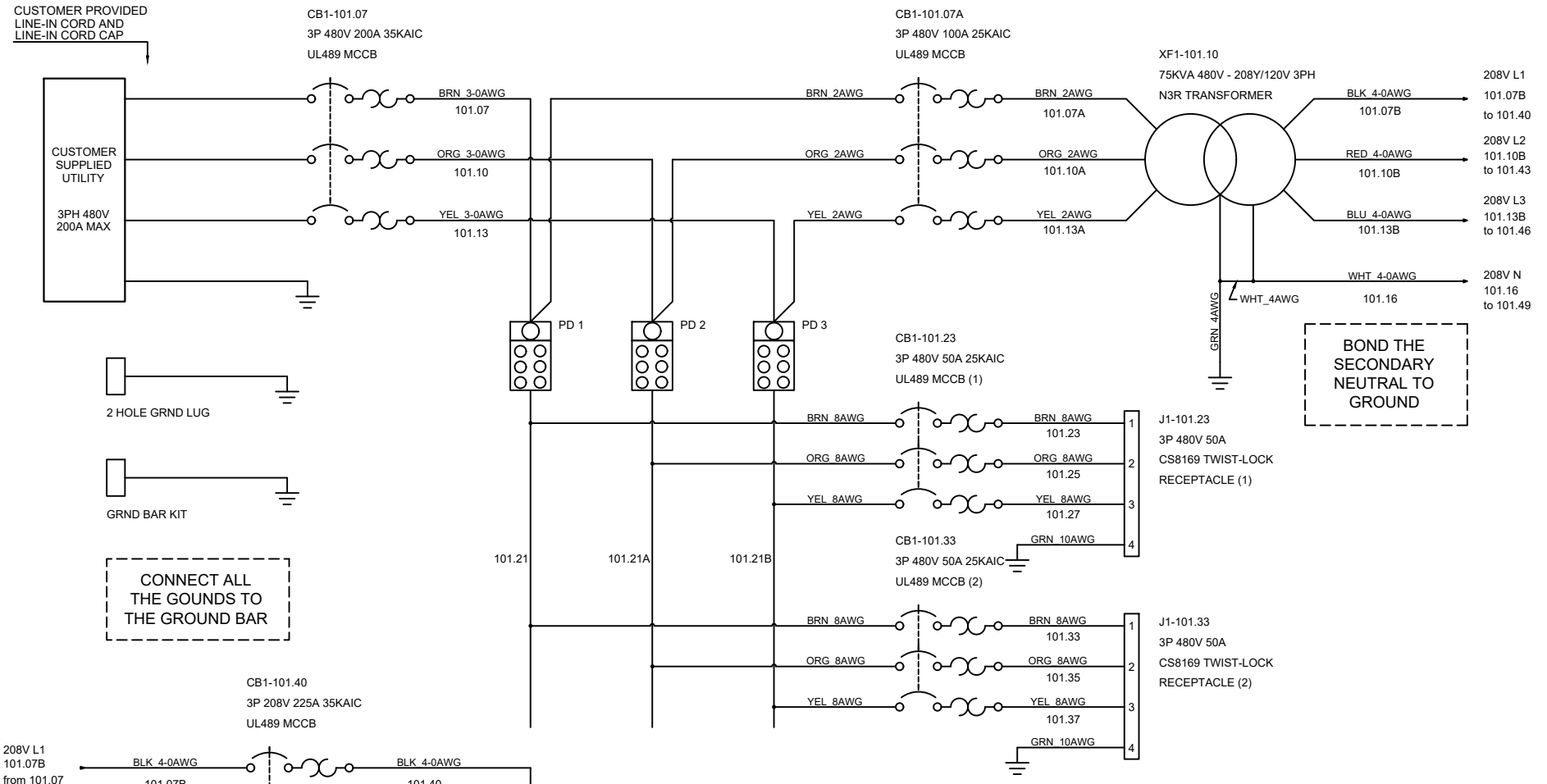
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.C04.E15.L22.N10-M1

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CHECKED BY	SHEET #	DRAWING #
	4 OF 4	104

REV	DESCRIPTION	DATE
A	QUOTE	03/22/2025

MPD-CW11-TB.200AB-DE75YT-PQ-C06
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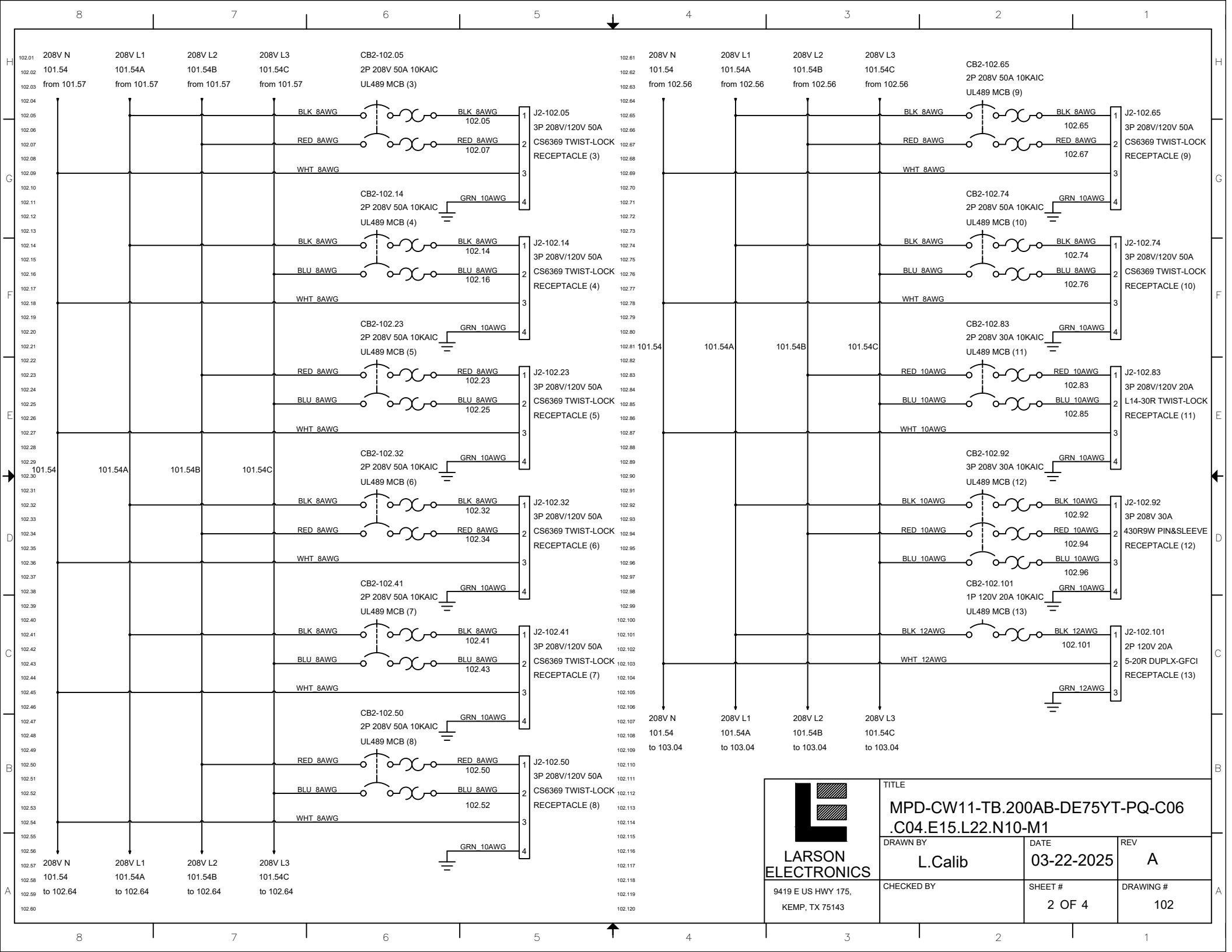
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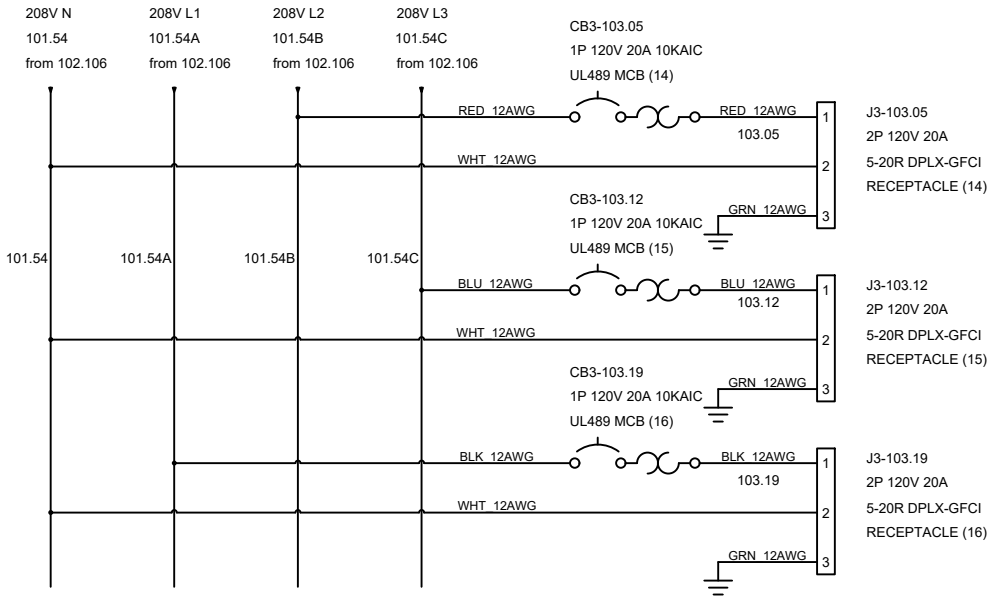


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TITLE: MPD-CW11-TB.200AB-DE75YT-PQ-C06 .C04.E15.L22.N10-M1		
DRAWN BY: L.Calib	DATE: 03-22-2025	REV: A
CHECKED BY:	SHEET #: 1 OF 4	DRAWING #: 101


208V N
101.54
from 101.57
208V L1
101.54A
from 101.57
208V L2
101.54B
from 101.57
208V L3
101.54C
from 101.57
CB2-102.05
2P 208V 50A 10KAIC
UL489 MCB (3)
BLK 8AWG
RED 8AWG
WHT 8AWG
GRN 10AWG
BLK 8AWG 102.05
RED 8AWG 102.07
J2-102.05
3P 208V/120V 50A
CS6369 TWIST-LOCK
RECEPTACLE (3)
CB2-102.14
2P 208V 50A 10KAIC
UL489 MCB (4)
BLK 8AWG
BLU 8AWG
WHT 8AWG
GRN 10AWG
BLK 8AWG 102.14
BLU 8AWG 102.16
J2-102.14
3P 208V/120V 50A
CS6369 TWIST-LOCK
RECEPTACLE (4)
CB2-102.23
2P 208V 50A 10KAIC
UL489 MCB (5)
RED 8AWG
BLU 8AWG
WHT 8AWG
GRN 10AWG
RED 8AWG 102.23
BLU 8AWG 102.25
J2-102.23
3P 208V/120V 50A
CS6369 TWIST-LOCK
RECEPTACLE (5)
CB2-102.32
2P 208V 50A 10KAIC
UL489 MCB (6)
BLK 8AWG
RED 8AWG
WHT 8AWG
GRN 10AWG
BLK 8AWG 102.32
RED 8AWG 102.34
J2-102.32
3P 208V/120V 50A
CS6369 TWIST-LOCK
RECEPTACLE (6)
CB2-102.41
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UL489 MCB (7)
BLK 8AWG
BLU 8AWG
WHT 8AWG
GRN 10AWG
BLK 8AWG 102.41
BLU 8AWG 102.43
J2-102.41
3P 208V/120V 50A
CS6369 TWIST-LOCK
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CB2-102.50
2P 208V 50A 10KAIC
UL489 MCB (8)
RED 8AWG
BLU 8AWG
WHT 8AWG
GRN 10AWG
RED 8AWG 102.50
BLU 8AWG 102.52
J2-102.50
3P 208V/120V 50A
CS6369 TWIST-LOCK
RECEPTACLE (8)
208V N
101.54
to 102.64
208V L1
101.54A
to 102.64
208V L2
101.54B
to 102.64
208V L3
101.54C
to 102.64
208V N
101.54
from 102.56
208V L1
101.54A
from 102.56
208V L2
101.54B
from 102.56
208V L3
101.54C
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UL489 MCB (9)
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J2-102.65
3P 208V/120V 50A
CS6369 TWIST-LOCK
RECEPTACLE (9)
CB2-102.74
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BLU 8AWG
WHT 8AWG
GRN 10AWG
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BLU 8AWG 102.76
J2-102.74
3P 208V/120V 50A
CS6369 TWIST-LOCK
RECEPTACLE (10)
CB2-102.83
2P 208V 30A 10KAIC
UL489 MCB (11)
RED 10AWG
BLU 10AWG
WHT 10AWG
GRN 10AWG
RED 10AWG 102.83
BLU 10AWG 102.85
J2-102.83
3P 208V/120V 20A
L14-30R TWIST-LOCK
RECEPTACLE (11)
CB2-102.92
3P 208V 30A 10KAIC
UL489 MCB (12)
BLK 10AWG
RED 10AWG
BLU 10AWG
GRN 10AWG
BLK 10AWG 102.92
RED 10AWG 102.94
BLU 10AWG 102.96
J2-102.92
3P 208V 30A
430R9W PIN&SLEEVE
RECEPTACLE (12)
CB2-102.101
1P 120V 20A 10KAIC
UL489 MCB (13)
BLK 12AWG
WHT 12AWG
GRN 12AWG
BLK 12AWG 102.101
J2-102.101
2P 120V 20A
5-20R DUPLX-GFCI
RECEPTACLE (13)
101.54
101.54A
101.54B
101.54C
208V N
101.54
to 103.04
208V L1
101.54A
to 103.04
208V L2
101.54B
to 103.04
208V L3
101.54C
to 103.04
LARSON ELECTRONICS
9419 E US HWY 175,
KEMP, TX 75143
TITLE
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.C04.E15.L22.N10-M1
DRAWN BY
L.Calib
DATE
03-22-2025
REV
A
CHECKED BY
SHEET #
2 OF 4
DRAWING #
102



LARSON ELECTRONICS

9419 E US HWY 175,
KEMP, TX 75143

TITLE: MPD-CW11-TB.200AB-DE75YT-PQ-C06 .C04.E15.L22.N10-M1			
DRAWN BY: L.Calib	DATE: 03-22-2025	REV: A	
CHECKED BY:	SHEET #: 3 OF 4	DRAWING #: 103	

TAGS	QTY	CATALOG	DESCRIPTION
J2-102.05 J2-102.14 J2-102.23 J2-102.32 J2-102.41 J2-102.50 J2-102.65 J2-102.74	8	UNV00008818	CS6369 50A 250V 3P RECEPTACLE
J2-102.92	1	UNV00012092	430R9W 30A 3P 250V RECEPTACLE
2 HOLE GRND LUG	1	UNV00007136	2 HOLE GROUND LUG
J1-101.23 J1-101.33	2	UNV00008902	CS8169 3P 50A 480V LOCK RECEPTACLE
J2-102.101 J3-103.05 J3-103.12 J3-103.19	4	UNV00014533	5-20R 1P 20A 125V GFCI RECEPTACLE
J2-102.83	1	UNV00006737	2P 250V 30A L14-30R LOCKING RECEPTACLE
CB1-101.07	1	UNV00014726	3P 200A 240/480V MCCB
CB2-102.05 CB2-102.14 CB2-102.23 CB2-102.32 CB2-102.41 CB2-102.50 CB2-102.65 CB2-102.74	8	UNV00014731	2P 250V 50A DIN RAIL MOUNT MCCB UL489
CB2-102.92	1	UNV00015171	3P 30A 240V UL489 DIN RAIL MOUNT CIRCUIT BREAKER
CB1-101.23 CB1-101.33	2	UNV00015176	3P 50A 250/480V DIN RAIL MCCB
CB1-101.40	1	UNV00015187	3P 480V 225A UL489 MCCB
CB2-102.101 CB3-103.05 CB3-103.12 CB3-103.19	4	UNV00017491	1P 125V 20A 10KA UL489 DIN RAIL MOUNT BREAKER
CB2-102.83	1	UNV00017628	2P 240V 30A UL489 CIRCUIT BREAKER
CB1-101.07A	1	UNV00014727	3P 100A 240/480VAC MCCB
PD 4	1	UNV00015085	POWER DISRIBUTION BLOCK 2-12 OPENING 570A
PD 1 PD 2 PD 3 PD 5 PD 6 PD 7	6	UNV00016633	POWER DISTRIBUTION BLOCK 380A 1-6 OPENING
GRND BAR KIT	1	UNV00013942C	GROUND BAR KIT
XF1-101.10	1	UNV00001275	480DTO 208Y 75KVA TRANSFORMER

LARSON ELECTRONICS
9419 E US HWY 175,
KEMP, TX 75143

TITLE
MPD-CW11-TB.200AB-DE75YT-PQ-C06
.C04.E15.L22.N10-M1

DRAWN BY	DATE	REV
L.Calib	03-22-2025	A
CHECKED BY	SHEET #	DRAWING #
	4 OF 4	104


Larson Electronics
1-800-369-6471
TRANSFORMER T1




SIEMENS
ON
OFF
CAUTION
HIGH VOLTAGE


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

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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.

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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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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)
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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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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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Frequently Asked Questions (FAQ)