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-CM5-BW.100AB-DE7.5SZ-LZ-2.C06-2.L05-M1

7.5 kVA Portable Power Distribution, 480V 3PH - 120/240V 1PH, (2) CS8169 (2) L5-30R Outlets, 50' #4/4 Cord, NEMA 3R

Product ID: 314324



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-CM5-BW.100AB-DE7.5SZ-LZ-2.C06-2.L05-M1 - Temporary Power Distribution System

Line-in Cord: 50' #4/4 AWG Type W Cable [2000V]
Line-in Cord Cap: Not Included - Requires Minimum Use Device 100A @ [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 100A MCCB N3R
Primary Breaker(s): (1) 20A 3P MCCB [480V]; (2) 50A 3P MCCB [480V]
Primary Outlet(s): (2) CS8169 Cal. Std. Twist-Lock [480V]
Primary Protection: MCCB Circuit Breakers
Transformer (KVA): 7.5KVA 480V to 120/240V 1PH N3R
Secondary Voltage (V): 120/240V AC
Secondary Phase (PH): 1-Phase (1PH)
Secondary Frequency (HZ): 60 Hz (60-cycles)
Secondary Panel: 120/240V 1PH 31.25A MLO N3R
Secondary Breaker(s): (2) 30A 1P MCB [125V]
Secondary Outlet(s): (2) L5-30R Twist-Lock Receptacle [125V]
Secondary Protection: MCB Circuit Breakers
Form Factor: Blue Powder Coated Portable / Base Stand w/ Polyurethane Swivel Casters
Material: Steel

Finish: High-Strength TGIC Polyester Powder Coated Blue

Dimensions: (*Please note that dimensions are approximate and subject to change*) 30.625"-L x 21.000"-W x 41.435"-H

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

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

Ratings

Max Primary OCP: 100A @ 480V

Max Secondary Output: 31.25A @ 120V

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 - 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

specifics for this configuration are listed in the specification table and one-line diagram.

Made in Texas

The MPD-CM5-BW.100AB-DE7.5SZ-LZ-2.C06-2.L05-M1 from Larson Electronics is a Portable Power Distribution System that that converts three-phase 480V AC Delta electrical current to single-phase 120/240V AC. This enclosed unit provides operators the ability to safely distribute three-phase 480V AC Delta power from a variety of sources including generators and direct grid power. This system carries a NEMA 3R rating for indoor and outdoor use.

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

The MPD-CM5-BW.100AB-DE7.5SZ-LZ-2.C06-2.L05-M1 temporary power distribution system gives operators the ability to power their 120 volt equipment from a single system.

Operation:

- Primary Voltage: 480V AC Delta 3PH
- Primary Panel: 480V 3PH 100A MCCB N3R
- Primary Breaker(s): (1) 20A 3P MCCB [480V]; (2) 50A 3P MCCB [480V]
- Primary Outlet(s): (2) CS8169 Cal. Std. Twist-Lock [480V]
- Transformer: 7.5KVA 480V to 120/240V 1PH N3R
- Secondary Voltage: 120/240V AC 1PH
- Secondary Panel: 120/240V 1PH 31.25A MLO N3R
- Secondary Breaker(s): (2) 30A 1P MCB [125V]
- Secondary Receptacles: (2) L5-30R Twist-Lock Receptacle [125V]

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

Protective Construction: The housing is constructed from powder coated steel with a NEMA 3R enclosure rating. The angled base and low center of gravity ensure this low voltage transform does not tip over when in the field. The entire unit is powder coated with glossy blue finish for corrosion resistances and aesthetics. The assembly is mounted atop four swivel polyurethane casters, two standard swivel and two locking swivel, aiding in transportation within the job site. A side located adjustable push handle allows operators to guide this unit through the workspace.

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.

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 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.

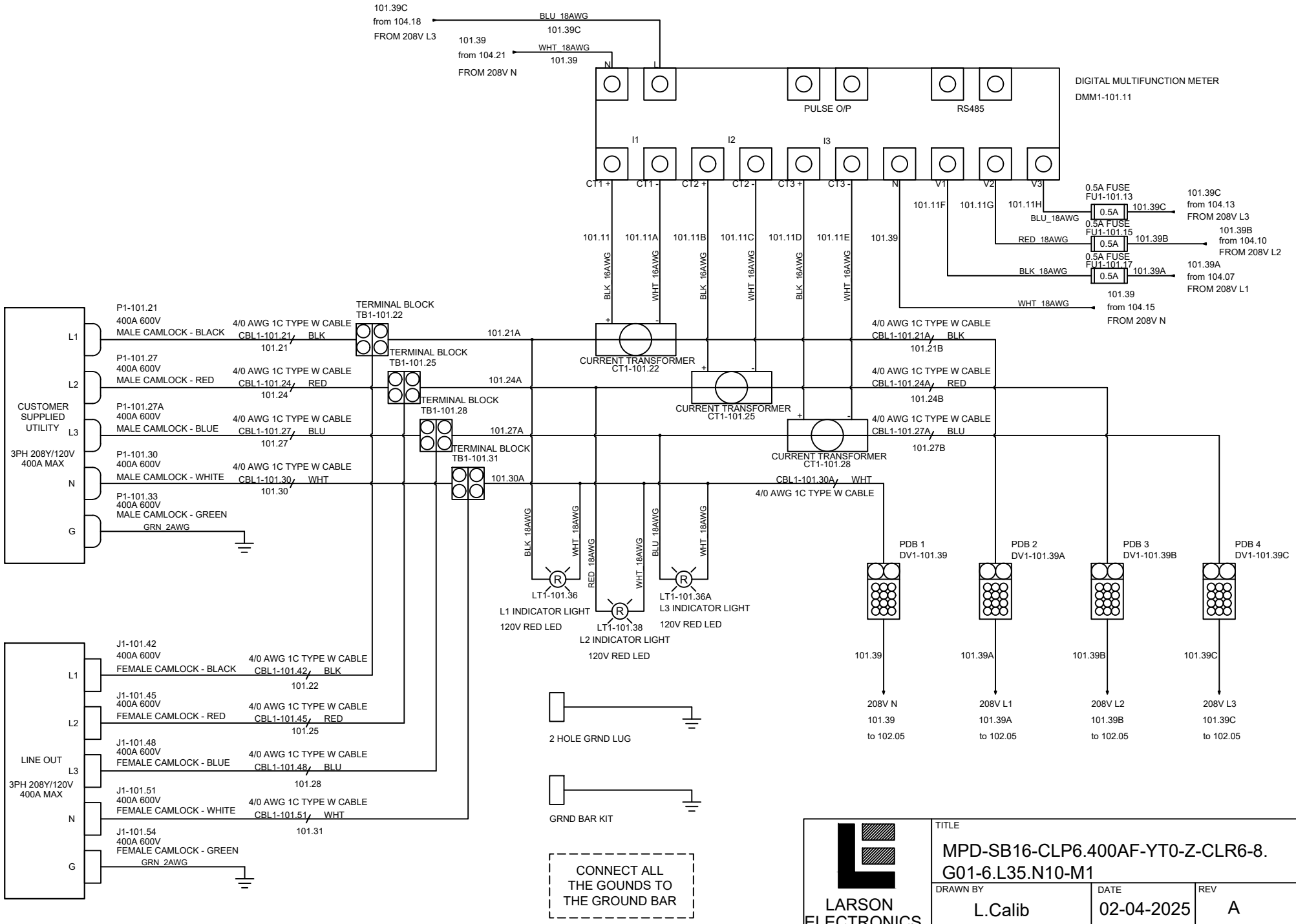
Custom Built Systems Available: Larson Electronics is a manufacturer and we can build portable power distribution systems to your specifications. Although we carry several models of portable power distribution systems in stock, we can

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.

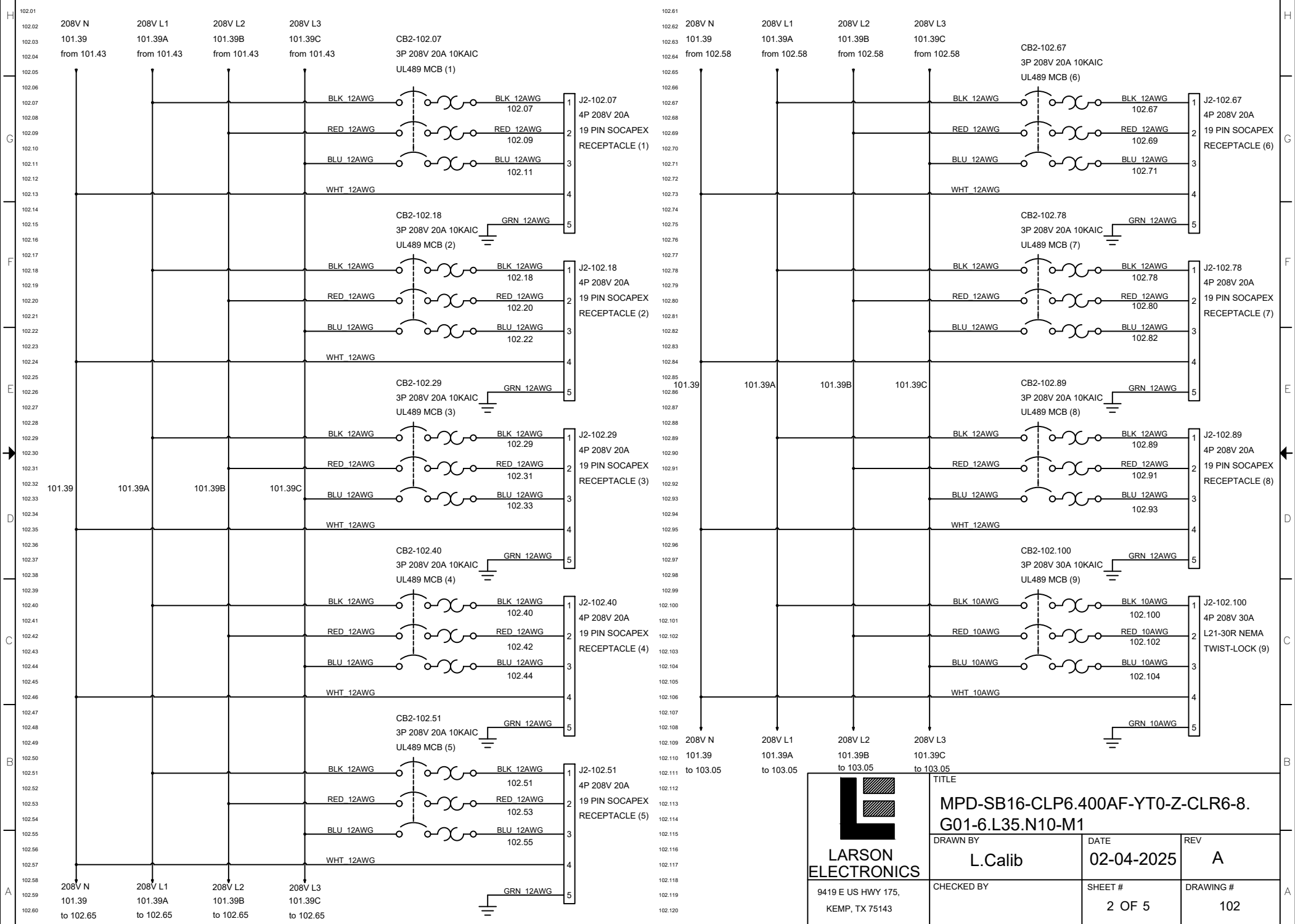
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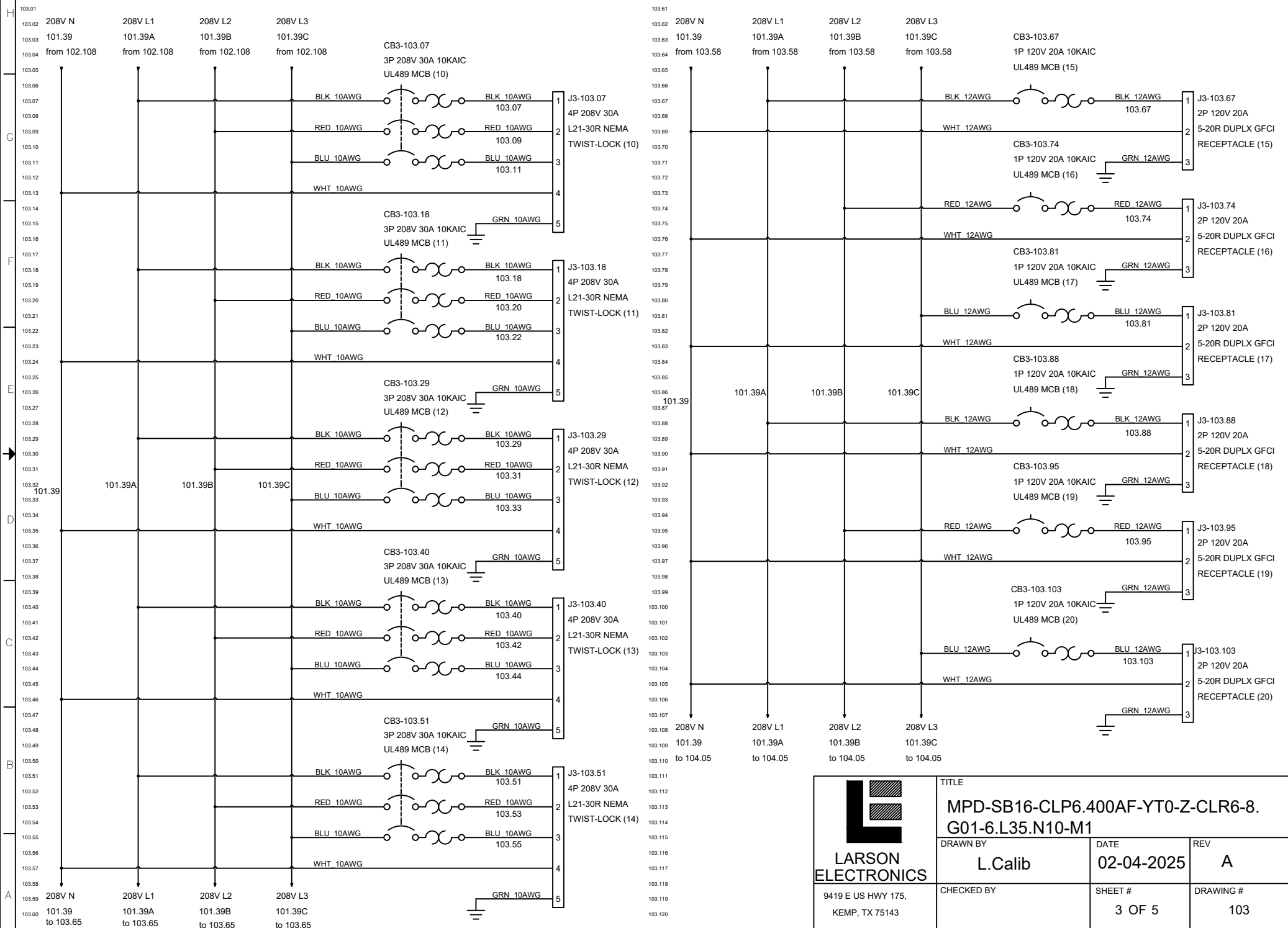
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	CHECKED BY	SHEET # 1 OF 5	DRAWING # 101


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101.39
from 101.43
208V L1
101.39A
from 101.43
208V L2
101.39B
from 101.43
208V L3
101.39C
from 101.43
CB2-102.07
3P 208V 20A 10KAIC
UL489 MCB (1)
BLK_12AWG
RED_12AWG
BLU_12AWG
WHT_12AWG
GRN_12AWG
BLK_12AWG
102.07
RED_12AWG
102.09
BLU_12AWG
102.11
J2-102.07
4P 208V 20A
19 PIN SOCAPEX
RECEPTACLE (1)
CB2-102.18
3P 208V 20A 10KAIC
UL489 MCB (2)
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RED_12AWG
102.20
BLU_12AWG
102.22
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4P 208V 20A
19 PIN SOCAPEX
RECEPTACLE (2)
CB2-102.29
3P 208V 20A 10KAIC
UL489 MCB (3)
BLK_12AWG
102.29
RED_12AWG
102.31
BLU_12AWG
102.33
J2-102.29
4P 208V 20A
19 PIN SOCAPEX
RECEPTACLE (3)
CB2-102.40
3P 208V 20A 10KAIC
UL489 MCB (4)
BLK_12AWG
102.40
RED_12AWG
102.42
BLU_12AWG
102.44
J2-102.40
4P 208V 20A
19 PIN SOCAPEX
RECEPTACLE (4)
CB2-102.51
3P 208V 20A 10KAIC
UL489 MCB (5)
BLK_12AWG
102.51
RED_12AWG
102.53
BLU_12AWG
102.55
J2-102.51
4P 208V 20A
19 PIN SOCAPEX
RECEPTACLE (5)
208V N
101.39
to 102.65
208V L1
101.39A
to 102.65
208V L2
101.39B
to 102.65
208V L3
101.39C
to 102.65
208V N
101.39
from 102.58
208V L1
101.39A
from 102.58
208V L2
101.39B
from 102.58
208V L3
101.39C
from 102.58
CB2-102.67
3P 208V 20A 10KAIC
UL489 MCB (6)
BLK_12AWG
102.67
RED_12AWG
102.69
BLU_12AWG
102.71
J2-102.67
4P 208V 20A
19 PIN SOCAPEX
RECEPTACLE (6)
CB2-102.78
3P 208V 20A 10KAIC
UL489 MCB (7)
BLK_12AWG
102.78
RED_12AWG
102.80
BLU_12AWG
102.82
J2-102.78
4P 208V 20A
19 PIN SOCAPEX
RECEPTACLE (7)
CB2-102.89
3P 208V 20A 10KAIC
UL489 MCB (8)
BLK_12AWG
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RED_12AWG
102.91
BLU_12AWG
102.93
J2-102.89
4P 208V 20A
19 PIN SOCAPEX
RECEPTACLE (8)
CB2-102.100
3P 208V 30A 10KAIC
UL489 MCB (9)
BLK_10AWG
102.100
RED_10AWG
102.102
BLU_10AWG
102.104
WHT_10AWG
GRN_10AWG
J2-102.100
4P 208V 30A
L21-30R NEMA
TWIST-LOCK (9)
208V N
101.39
to 103.05
208V L1
101.39A
to 103.05
208V L2
101.39B
to 103.05
208V L3
101.39C
to 103.05
LARSON
ELECTRONICS
9419 E US HWY 175,
KEMP, TX 75143
TITLE
MPD-SB16-CLP6.400AF-YT0-Z-CLR6-8.
G01-6.L35.N10-M1
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L.Calib
DATE
02-04-2025
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SHEET #
2 OF 5
DRAWING #
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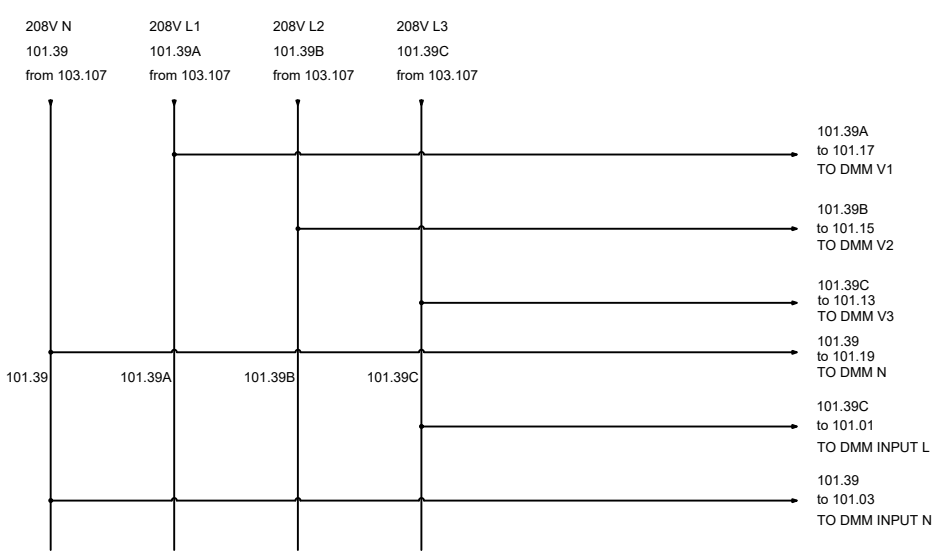


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9419 E US HWY 175,
KEMP, TX 75143

TITLE: MPD-SB16-CLP6.400AF-YT0-Z-CLR6-8.G01-6.L35.N10-M1

DRAWN BY	DATE	REV
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LARSON ELECTRONICS 9419 E US HWY 175, KEMP, TX 75143	TITLE: MPD-SB16-CLP6.400AF-YT0-Z-CLR6-8.G01-6.L35.N10-M1		
	DRAWN BY: L.Calib	DATE: 02-04-2025	REV: A
	CHECKED BY:	SHEET #: 4 OF 5	DRAWING #: 104

TAGS	QTY	CATALOG	DESCRIPTION
DV1-101.39 DV1-101.39A DV1-101.39B DV1-101.39C	4	UNV00015085	POWER DISRIBUTION BLOCK 2-12 OPENING 570A
J2-102.07 J2-102.18 J2-102.29 J2-102.40 J2-102.51 J2-102.67 J2-102.78 J2-102.89	8	UNV00017864	19 PIN SOCAPEX 6-CKT 23A PANEL MOUNT
J2-102.100 J3-103.07 J3-103.18 J3-103.29 J3-103.40 J3-103.51	6	UNV00007119	3P 5W 120/208V 30A L21-30R LOCKING RECEPTACLE
2 HOLE GRND LUG	1	UNV00007136	2 HOLE GROUND LUG
P1-101.30	1	UNV00002290	600V 400A MALE CAM LOCK WHITE
P1-101.21	1	UNV00008711	600V 400A MALE CAM LOCK BLACK
P1-101.33	1	UNV00008712	600V 400A CAM LOCK GREEN
P1-101.27	1	UNV00008715	600V 400A MALE CAM LOCK RED
P1-101.27A	1	UNV00008710	600V 400A MALE CAM LOCK BLUE
J1-101.51	1	UNV00013752	600V UPTO 400A #2-4/0 AWG WHT FEMALE CAM LOCK RECEPTACLE
J1-101.42	1	UNV00013753	600V UPTO 400A #2-4/0 AWG BLK FEMALE CAM LOCK RECEPTACLE
J1-101.45	1	UNV00013755	600V UPTO 400A #2-4/0 AWG RED FEMALE CAM LOCK RECEPTACLE
J1-101.48	1	UNV00013756	600V UPTO 400A #2-4/0 AWG BLU FEMALE CAM LOCK RECEPTACLE
J1-101.54	1	UNV00013758	600V UPTO 400A #2-4/0 AWG GRN FEMALE CAM LOCK RECEPTACLE
J3-103.103 J3-103.67 J3-103.74 J3-103.81 J3-103.88 J3-103.95	6	UNV00014533	5-20R 1P 20A 125V GFCI RECEPTACLE
CB2-102.100 CB3-103.07 CB3-103.18 CB3-103.29 CB3-103.40 CB3-103.51	6	UNV00015171	3P 30A 240V UL489 DIN RAIL MOUNT CIRCUIT BREAKER
CB3-103.103 CB3-103.67 CB3-103.74 CB3-103.81 CB3-103.88 CB3-103.95	6	UNV00017491	1P 125V 20A 10KA UL489 DIN RAIL MOUNT BREAKER
CB2-102.07 CB2-102.18 CB2-102.29 CB2-102.40 CB2-102.51 CB2-102.67 CB2-102.78 CB2-102.89	8	UNV00015169	3P 20A 240V UL489 CIRCUIT BREAKER
CT1-101.22 CT1-101.25 CT1-101.28	3	UNV00021307	AC Current Transformer, Solid Core 400A Pri -5A Secd
DMM1-101.11	1	UNV00016483	POWER METER, 1&3-PH, POSITIVE LCD, 100-240V
FU1-101.13 FU1-101.15 FU1-101.17	3	UNV00016473	Bussman .5 Amp 250V Glass Fuse

TAGS	QTY	CATALOG	DESCRIPTION
LT1-101.36 LT1-101.36A LT1-101.38	3	UNV00015469	125V RED INDICATOR LIGHT 1.5MA
TB1-101.22 TB1-101.25 TB1-101.28 TB1-101.31	4	UNV00016551	620A 4 HOLE TERNINAL BLOCK
GRND BAR KIT	1	UNV00013942C	GROUND BAR KIT
CBL1-101.21 CBL1-101.21A CBL1-101.24 CBL1-101.24A CBL1-101.27 CBL1-101.27A CBL1-101.30 CBL1-101.30A CBL1-101.42 CBL1-101.45 CBL1-101.48 CBL1-101.51	12	UNV00012398	4/0 1 CONDUCTOR TYPE W CABLE

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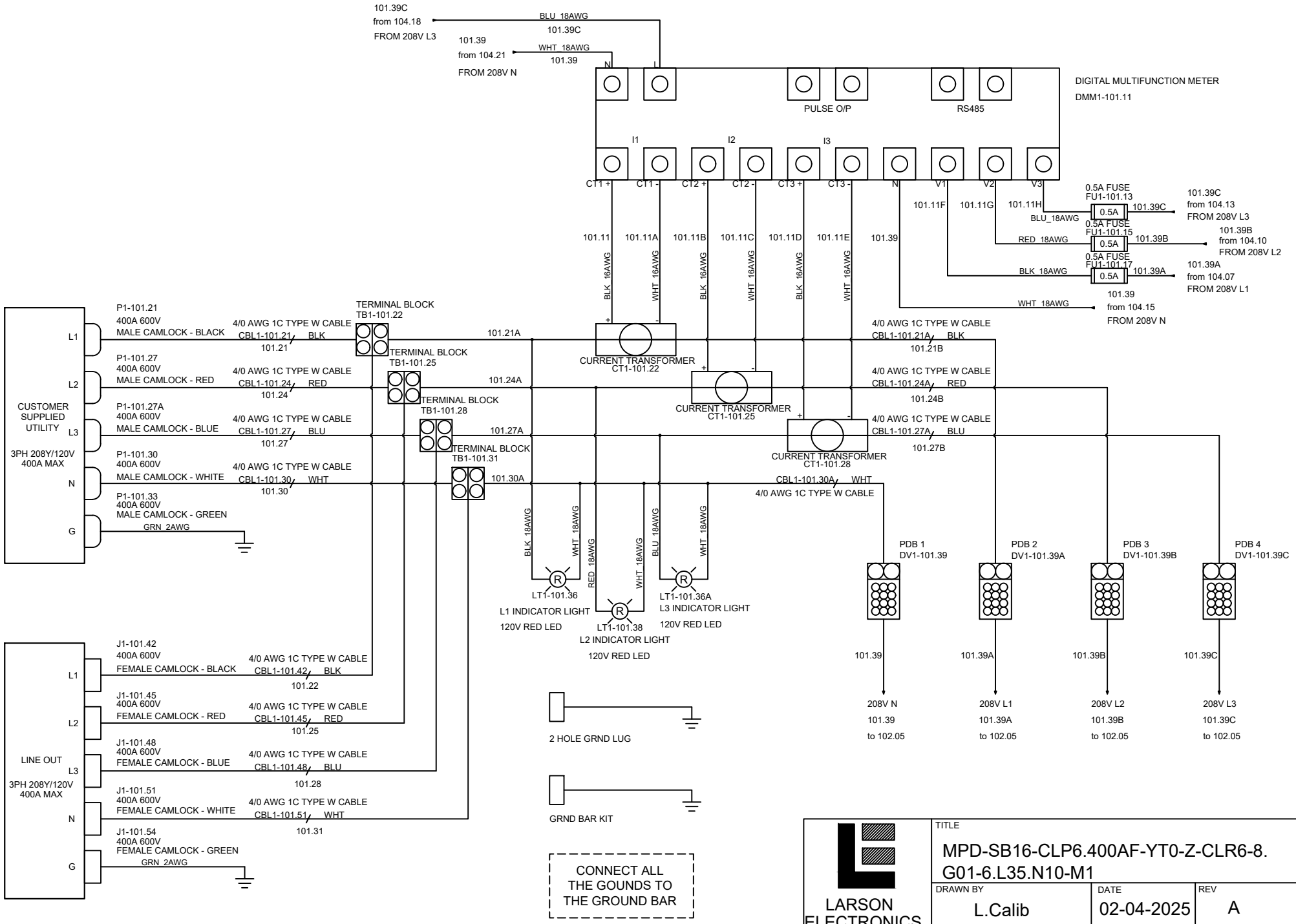
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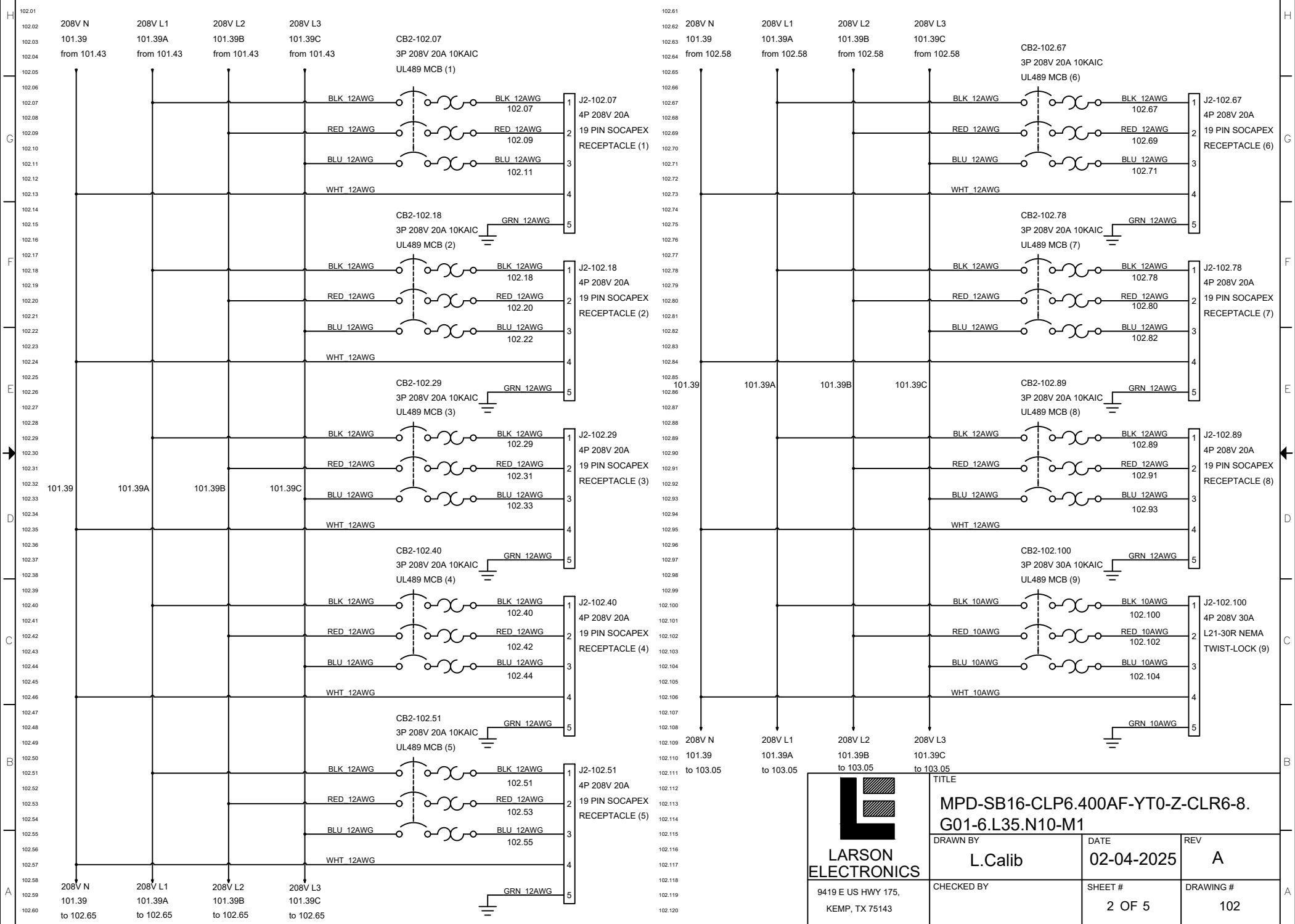
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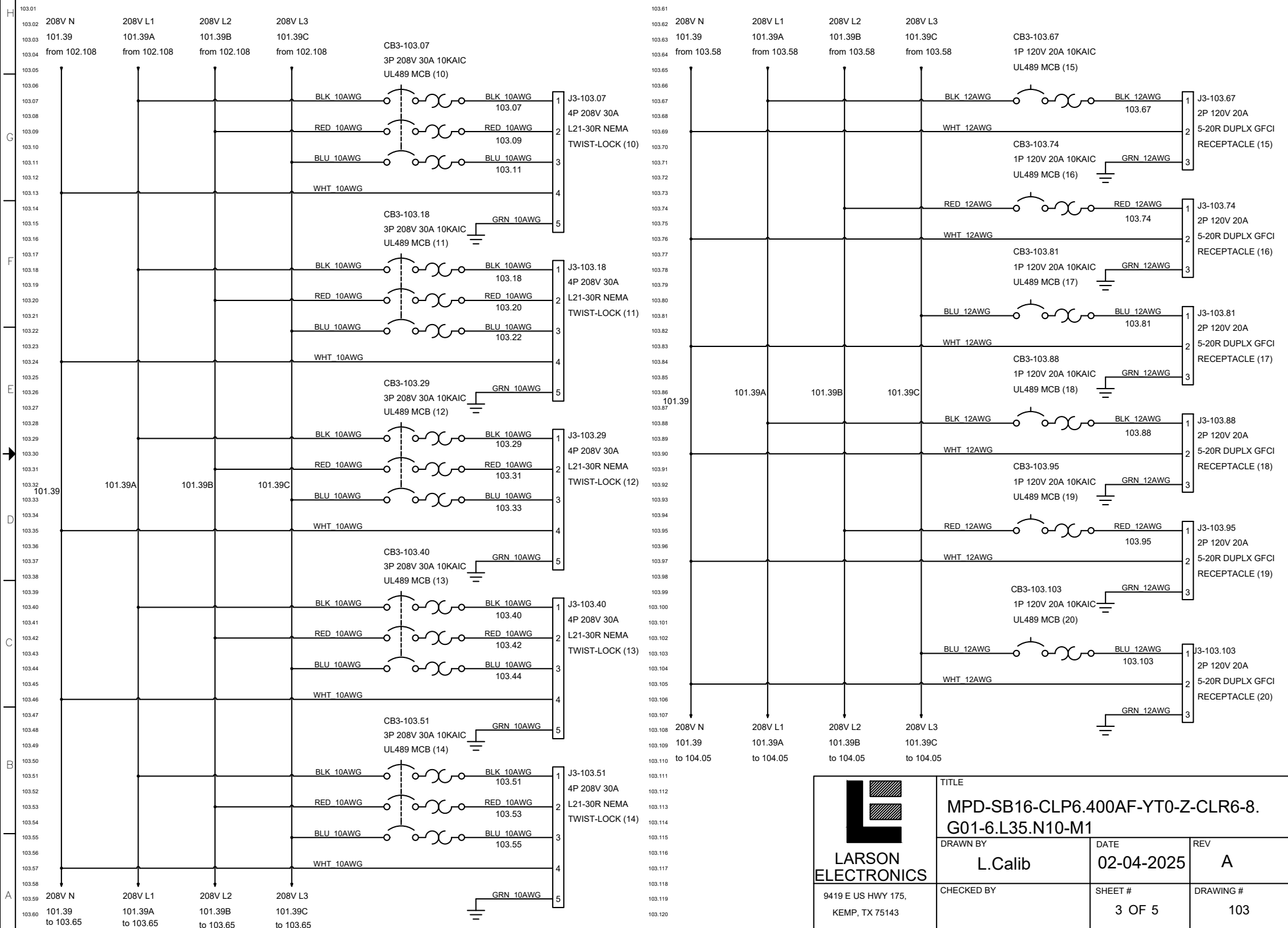
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208V N
101.39
from 101.43
208V L1
101.39A
from 101.43
208V L2
101.39B
from 101.43
208V L3
101.39C
from 101.43
CB2-102.07
3P 208V 20A 10KAIC
UL489 MCB (1)
BLK_12AWG
RED_12AWG
BLU_12AWG
WHT_12AWG
GRN_12AWG
BLK_12AWG
102.07
RED_12AWG
102.09
BLU_12AWG
102.11
J2-102.07
4P 208V 20A
19 PIN SOCAPEX
RECEPTACLE (1)
CB2-102.18
3P 208V 20A 10KAIC
UL489 MCB (2)
BLK_12AWG
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RED_12AWG
102.20
BLU_12AWG
102.22
J2-102.18
4P 208V 20A
19 PIN SOCAPEX
RECEPTACLE (2)
CB2-102.29
3P 208V 20A 10KAIC
UL489 MCB (3)
BLK_12AWG
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RED_12AWG
102.31
BLU_12AWG
102.33
J2-102.29
4P 208V 20A
19 PIN SOCAPEX
RECEPTACLE (3)
CB2-102.40
3P 208V 20A 10KAIC
UL489 MCB (4)
BLK_12AWG
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RED_12AWG
102.42
BLU_12AWG
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J2-102.40
4P 208V 20A
19 PIN SOCAPEX
RECEPTACLE (4)
CB2-102.51
3P 208V 20A 10KAIC
UL489 MCB (5)
BLK_12AWG
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RED_12AWG
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BLU_12AWG
102.55
J2-102.51
4P 208V 20A
19 PIN SOCAPEX
RECEPTACLE (5)
208V N
101.39
to 102.65
208V L1
101.39A
to 102.65
208V L2
101.39B
to 102.65
208V L3
101.39C
to 102.65
208V N
101.39
from 102.58
208V L1
101.39A
from 102.58
208V L2
101.39B
from 102.58
208V L3
101.39C
from 102.58
CB2-102.67
3P 208V 20A 10KAIC
UL489 MCB (6)
BLK_12AWG
102.67
RED_12AWG
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BLU_12AWG
102.71
J2-102.67
4P 208V 20A
19 PIN SOCAPEX
RECEPTACLE (6)
CB2-102.78
3P 208V 20A 10KAIC
UL489 MCB (7)
BLK_12AWG
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BLU_12AWG
102.82
J2-102.78
4P 208V 20A
19 PIN SOCAPEX
RECEPTACLE (7)
CB2-102.89
3P 208V 20A 10KAIC
UL489 MCB (8)
BLK_12AWG
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RED_12AWG
102.91
BLU_12AWG
102.93
J2-102.89
4P 208V 20A
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RECEPTACLE (8)
CB2-102.100
3P 208V 30A 10KAIC
UL489 MCB (9)
BLK_10AWG
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RED_10AWG
102.102
BLU_10AWG
102.104
WHT_10AWG
GRN_10AWG
J2-102.100
4P 208V 30A
L21-30R NEMA
TWIST-LOCK (9)
208V N
101.39
to 103.05
208V L1
101.39A
to 103.05
208V L2
101.39B
to 103.05
208V L3
101.39C
to 103.05
LARSON
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DRAWN BY
L.Calib
DATE
02-04-2025
REV
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2 OF 5
DRAWING #
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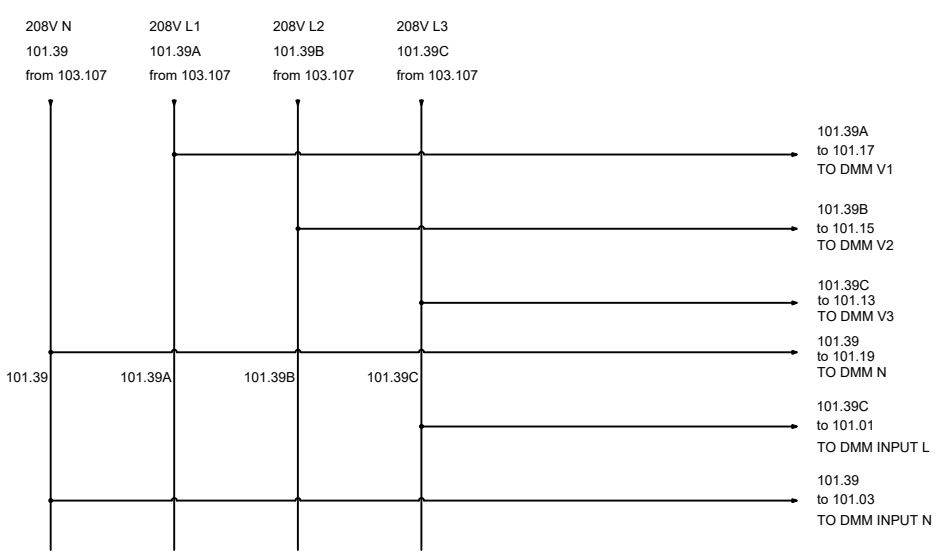


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9419 E US HWY 175,
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CHECKED BY	SHEET #	DRAWING #
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LARSON ELECTRONICS 9419 E US HWY 175, KEMP, TX 75143	TITLE: MPD-SB16-CLP6.400AF-YT0-Z-CLR6-8.G01-6.L35.N10-M1		
	DRAWN BY: L.Calib	DATE: 02-04-2025	REV: A
	CHECKED BY:	SHEET #: 4 OF 5	DRAWING #: 104

TAGS	QTY	CATALOG	DESCRIPTION
DV1-101.39 DV1-101.39A DV1-101.39B DV1-101.39C	4	UNV00015085	POWER DISRIBUTION BLOCK 2-12 OPENING 570A
J2-102.07 J2-102.18 J2-102.29 J2-102.40 J2-102.51 J2-102.67 J2-102.78 J2-102.89	8	UNV00017864	19 PIN SOCAPEX 6-CKT 23A PANEL MOUNT
J2-102.100 J3-103.07 J3-103.18 J3-103.29 J3-103.40 J3-103.51	6	UNV00007119	3P 5W 120/208V 30A L21-30R LOCKING RECEPTACLE
2 HOLE GRND LUG	1	UNV00007136	2 HOLE GROUND LUG
P1-101.30	1	UNV00002290	600V 400A MALE CAM LOCK WHITE
P1-101.21	1	UNV00008711	600V 400A MALE CAM LOCK BLACK
P1-101.33	1	UNV00008712	600V 400A CAM LOCK GREEN
P1-101.27	1	UNV00008715	600V 400A MALE CAM LOCK RED
P1-101.27A	1	UNV00008710	600V 400A MALE CAM LOCK BLUE
J1-101.51	1	UNV00013752	600V UPTO 400A #2-4/0 AWG WHT FEMALE CAM LOCK RECEPTACLE
J1-101.42	1	UNV00013753	600V UPTO 400A #2-4/0 AWG BLK FEMALE CAM LOCK RECEPTACLE
J1-101.45	1	UNV00013755	600V UPTO 400A #2-4/0 AWG RED FEMALE CAM LOCK RECEPTACLE
J1-101.48	1	UNV00013756	600V UPTO 400A #2-4/0 AWG BLU FEMALE CAM LOCK RECEPTACLE
J1-101.54	1	UNV00013758	600V UPTO 400A #2-4/0 AWG GRN FEMALE CAM LOCK RECEPTACLE
J3-103.103 J3-103.67 J3-103.74 J3-103.81 J3-103.88 J3-103.95	6	UNV00014533	5-20R 1P 20A 125V GFCI RECEPTACLE
CB2-102.100 CB3-103.07 CB3-103.18 CB3-103.29 CB3-103.40 CB3-103.51	6	UNV00015171	3P 30A 240V UL489 DIN RAIL MOUNT CIRCUIT BREAKER
CB3-103.103 CB3-103.67 CB3-103.74 CB3-103.81 CB3-103.88 CB3-103.95	6	UNV00017491	1P 125V 20A 10KA UL489 DIN RAIL MOUNT BREAKER
CB2-102.07 CB2-102.18 CB2-102.29 CB2-102.40 CB2-102.51 CB2-102.67 CB2-102.78 CB2-102.89	8	UNV00015169	3P 20A 240V UL489 CIRCUIT BREAKER
CT1-101.22 CT1-101.25 CT1-101.28	3	UNV00021307	AC Current Transformer, Solid Core 400A Pri -5A Secd
DMM1-101.11	1	UNV00016483	POWER METER, 1&3-PH, POSITIVE LCD, 100-240V
FU1-101.13 FU1-101.15 FU1-101.17	3	UNV00016473	Bussman .5 Amp 250V Glass Fuse

TAGS	QTY	CATALOG	DESCRIPTION
LT1-101.36 LT1-101.36A LT1-101.38	3	UNV00015469	125V RED INDICATOR LIGHT 1.5MA
TB1-101.22 TB1-101.25 TB1-101.28 TB1-101.31	4	UNV00016551	620A 4 HOLE TERNINAL BLOCK
GRND BAR KIT	1	UNV00013942C	GROUND BAR KIT
CBL1-101.21 CBL1-101.21A CBL1-101.24 CBL1-101.24A CBL1-101.27 CBL1-101.27A CBL1-101.30 CBL1-101.30A CBL1-101.42 CBL1-101.45 CBL1-101.48 CBL1-101.51	12	UNV00012398	4/0 1 CONDUCTOR TYPE W CABLE

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

TITLE: MPD-SB16-CLP6.400AF-YT0-Z-CLR6-8.G01-6.L35.N10-M1

DRAWN BY	DATE	REV
L.Calib	02-04-2025	A
CHECKED BY	SHEET #	DRAWING #
	5 OF 5	105


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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:

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.
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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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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: 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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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

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)