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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

MGS-CLP.ATSF-DE75YT-LZ-4.E95-1.E92-6.N07-M1

75 KVA Power Distribution, 480V - 208Y/120V 3PH, (1) 67W82 (4) 5100R9W (1) 460R9W (6) 60W33 Outlets, (2 Sets) 150A Single-pole 15-Series Male Receptacle Camlocks, NEMA 3R

Product ID: 270968



Image: MGS-CLP.ATSF-DE75YT-LZ-4.E95-1.E92-6.N07-M1

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

MGS-CLP.ATSF-DE75YT-LZ-4.E95-1.E92-6.N07-M1 Power Transformer

Line In Primary: (1 Set) 150A Single-pole 15-Series Male Receptacle Camlock [Green, Brown, Orange, Yellow] [600V] w/ Covers
Line In Secondary: (1 Set) 150A Single-pole 15-Series Male Receptacle Camlock [Green, Brown, Orange, Yellow] [600V] w/ Covers
Primary Voltage: 480V AC Delta
Primary Phase: 3-Phase (3PH)
Primary Frequency: 60 Hz (60-cycles)
Primary Panel: 480V 3PH 100A MCCB ATS N3R Panel w/ Voltage Indicators
Primary Breaker(s): (1) 100A 3P MCCB [480V]; (1) 20A 3P MCB [480V]
Primary Outlets(s): (1) 67W82 20A Twist-Lock Receptacle [480V] - w/ On Indicator
Primary Protection: MCCB Circuit Breaker; MCB Circuit Breaker; Voltage Indicators; Weatherproof Cover
Transformer: 75KVA 480V – 208Y/120V 3PH N3R
Secondary Voltage: 208Y/120V AC Wye
Secondary Phase: 3-Phase (3PH)
Secondary Frequency: 60 Hz (60-cycles)
Secondary Panel: 208Y/120V 3PH 200A MCCB N3R w/ Power Meter
Secondary Breaker(s): (4) 100A 3P MCCB [250V]; (1) 60A 3P MCCB [250V]; (6) 20A 1P MCB [125V]
Secondary Outlets(s): (4) 5100R9W IEC Pin & Sleeve Receptacle [120/208V]; (1) 460R9W IEC Pin & Sleeve Receptacle [250V]; (6) 60W33 NEMA Splx Straight-Blade [125V]
Secondary Protection: MCCB Circuit Breakers, MCB Circuit Breakers, Power Meter,

Ratings

Max Primary OCP: 100A @ 480V

Max Secondary OCP: 200A @ 208V

NEMA 3R Indoor or Outdoor Use
Made in the USA

Special Orders - Special Requirements

Contact us for special requirements

Weatherproof Covers
Form Factor: Blue Powder Coated Steel Open Cube Skid
Frame Materials: Powder Coated Steel Frame
Dimensions: (*Please note that dimensions are approximate and subject to change*) 56" x 60" x 80"
Weight: (*Please note that weight is approximate and subject to change*) 1550 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.

Toll Free: 1-800-369-6671
Intl: 1-214-616-6180
Fax: 1-903-765-7664
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 MGS-CLP.ATSF-DE75YT-LZ-4.E95-1.E92-6.N07-M1 from Larson Electronics is a Power Distribution Substation that converts three-phase 480V AC Delta electrical current to three-phase 208Y/120V AC Wye. This power distribution unit provides operators the ability to safely tap into and distribute 480V AC Delta power from a variety of sources including generators and direct grid power. The power distribution station is not in-use rated and cannot pass through standard man doors (we offer an upgraded version of this unit that is fully enclosed).

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 100A MCCB ATS N3R Panel w/ Voltage Indicators

• Primary Breaker(s): (1) 100A 3P MCCB [480V]; (1) 20A 3P MCB [480V]

• Primary Outlet(s): (1) 67W82 20A Twist-Lock Receptacle [480V] - w/ On Indicator

• Transformer: 75KVA 480V – 208Y/120V 3PH N3R

• Secondary Voltage: 208Y/120V AC Wye 3PH

• Secondary Panel: 208Y/120V 3PH 200A MCCB N3R w/ Power Meter

• Secondary Breaker(s): (4) 100A 3P MCCB [250V]; (1) 60A 3P MCCB [250V]; (6) 20A 1P MCB [125V]

• Secondary Outlet(s): (4) 5100R9W IEC Pin & Sleeve Receptacle [120/208V]; (1) 460R9W IEC Pin & Sleeve Receptacle [250V]; (6) 60W33 NEMA Splx Straight-Blade [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 MGS-CLP.ATSF-DE75YT-LZ-4.E95-1.E92-6.N07-M1 portable power distribution system gives operators the ability to power their 480 volt, 208 volt and 120 voltequipment from a single system. On the primary side, operators connect 480 volt line-in power via one set of 150A single-pole 15-series male camlocks

(brown, orange, yellow, and green) and to one 67W82 receptacle with an "on" indicator light for 480V equipment. Operators may connect directly to the secondary side via one set of 150A single-pole 15-series male camlocks male camlocks (brown, orange, yellow and green). On the secondary side, four 5100R9W IEC pin and sleeve receptacles for 120/208V equipment, one 460R9W IEC pin and sleeve receptacle for 208V equipment, and six 60W33 NEMA Splx straight blade receptacles for 120V equipment are available. All receptacles are protected by weatherproof covers.

Operation: One set of 150A single-pole 15-series male camlocks male camlocks (brown, orange, yellow and green) brings three-phase 480V power to the primary side of the system, which contains a NEMA 3R 100-amp three-phase 480V automatic transfer switch with voltage indicators protected by one 100-amp 3-pole 480V molded case circuit breaker and one 20-amp 3-pole 480V main circuit breaker protecting one 20-amp 67W82 480V receptacle with an "on" indicator light, and passes power to the transformer. The NEMA 3R 75 KVA transformer converts three-phase 480V to three-phase 208Y/120V and passes the current to the secondary side of the system. Operators may also connect three-phase 208Y/120V power directly to the secondary side using one set of 150A single-pole 15-series male camlocks male camlocks (brown, orange, yellow, and green).

The secondary side has a NEMA 3R 200-amp three-phase 208Y/120V MCCB panel with a power meter, which contains four 100-amp 3-pole 250V molded case circuit breakers protecting four 100-amp 5100R9W 120/208V receptacles, one 60-amp 3-pole 250V molded case circuit breaker protecting one 60-amp 460R9W 250V receptacle and six 20-amp 1-pole 125V main circuit breakers protecting six 20-amp 60W33 125V NEMA splx receptacles.

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

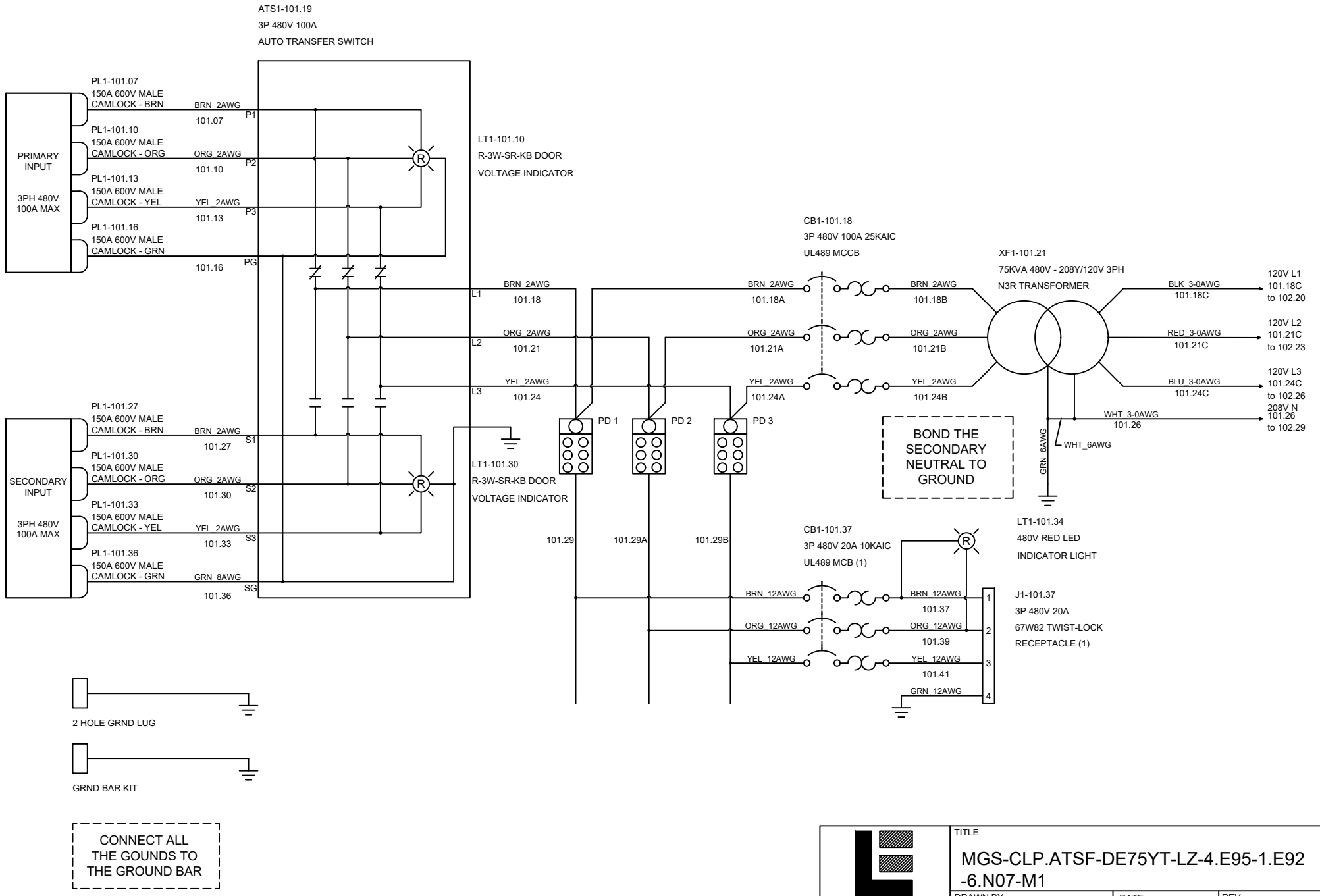
popularly used in applications where external power sources are often necessary. We also offer class rated transformers for use within explosion proof and hazardous location environments.

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.

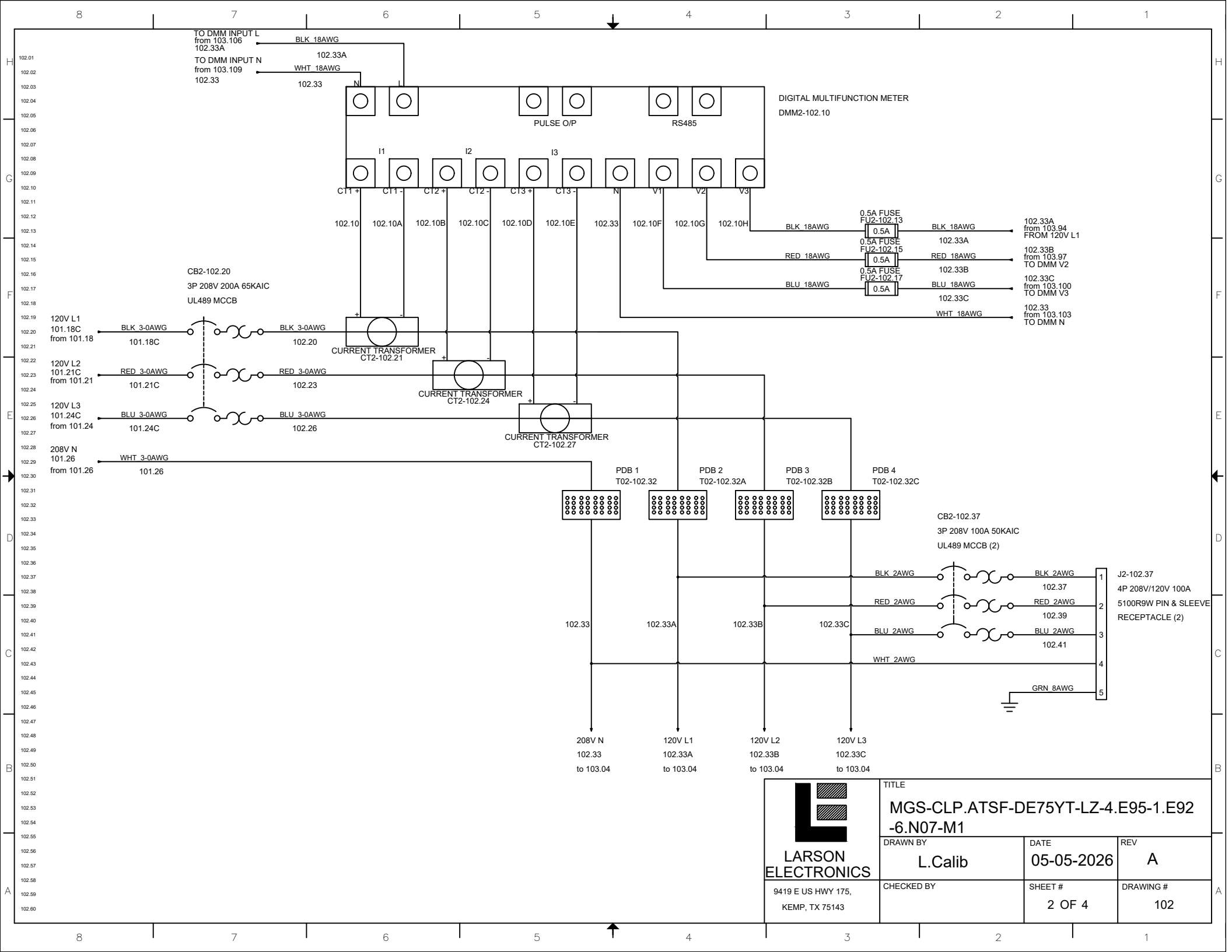
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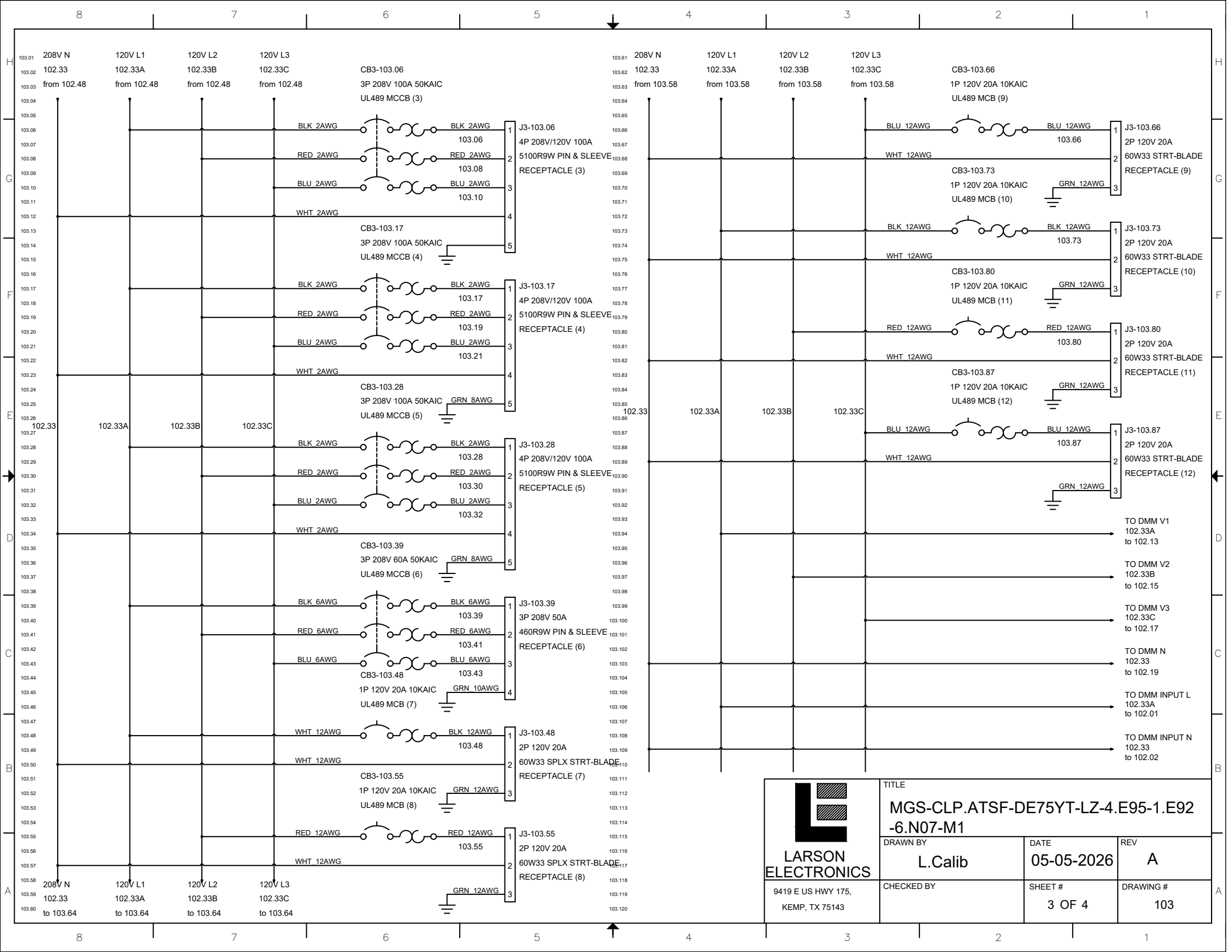
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9419 E US HWY 175,
KEMP, TX 75143

TITLE			
MGS-CLP.ATSF-DE75YT-LZ-4.E95-1.E92-6.N07-M1			
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208V N
102.33
from 102.48
120V L1
102.33A
from 102.48
120V L2
102.33B
from 102.48
120V L3
102.33C
from 102.48
CB3-103.06
3P 208V 100A 50KAIC
UL489 MCCB (3)
BLK_2AWG
RED_2AWG
BLU_2AWG
WHT_2AWG
103.06
103.08
103.10
J3-103.06
4P 208V/120V 100A
5100R9W PIN & SLEEVE
RECEPTACLE (3)
CB3-103.17
3P 208V 100A 50KAIC
UL489 MCCB (4)
103.17
103.19
103.21
J3-103.17
4P 208V/120V 100A
5100R9W PIN & SLEEVE
RECEPTACLE (4)
CB3-103.28
3P 208V 100A 50KAIC
GRN_8AWG
UL489 MCCB (5)
103.28
103.30
103.32
J3-103.28
4P 208V/120V 100A
5100R9W PIN & SLEEVE
RECEPTACLE (5)
CB3-103.39
3P 208V 60A 50KAIC
GRN_8AWG
UL489 MCCB (6)
BLK_6AWG
RED_6AWG
BLU_6AWG
103.39
103.41
103.43
J3-103.39
3P 208V 50A
460R9W PIN & SLEEVE
RECEPTACLE (6)
CB3-103.48
1P 120V 20A 10KAIC
GRN_10AWG
UL489 MCB (7)
BLK_12AWG
WHT_12AWG
103.48
J3-103.48
2P 120V 20A
60W33 SPLX STRT-BLADE
RECEPTACLE (7)
CB3-103.55
1P 120V 20A 10KAIC
GRN_12AWG
UL489 MCB (8)
RED_12AWG
WHT_12AWG
103.55
J3-103.55
2P 120V 20A
60W33 SPLX STRT-BLADE
RECEPTACLE (8)
GRN_12AWG
208V N
102.33
to 103.64
120V L1
102.33A
to 103.64
120V L2
102.33B
to 103.64
120V L3
102.33C
to 103.64
208V N
102.33
from 103.58
120V L1
102.33A
from 103.58
120V L2
102.33B
from 103.58
120V L3
102.33C
from 103.58
CB3-103.66
1P 120V 20A 10KAIC
UL489 MCB (9)
BLU_12AWG
WHT_12AWG
103.66
J3-103.66
2P 120V 20A
60W33 STRT-BLADE
RECEPTACLE (9)
CB3-103.73
1P 120V 20A 10KAIC
UL489 MCB (10)
GRN_12AWG
BLK_12AWG
103.73
J3-103.73
2P 120V 20A
60W33 STRT-BLADE
RECEPTACLE (10)
CB3-103.80
1P 120V 20A 10KAIC
UL489 MCB (11)
RED_12AWG
103.80
J3-103.80
2P 120V 20A
60W33 STRT-BLADE
RECEPTACLE (11)
CB3-103.87
1P 120V 20A 10KAIC
UL489 MCB (12)
103.87
J3-103.87
2P 120V 20A
60W33 STRT-BLADE
RECEPTACLE (12)
102.33
102.33A
102.33B
102.33C
TO DMM V1
102.33A
to 102.13
TO DMM V2
102.33B
to 102.15
TO DMM V3
102.33C
to 102.17
TO DMM N
102.33
to 102.19
TO DMM INPUT L
102.33A
to 102.01
TO DMM INPUT N
102.33
to 102.02
LARSON ELECTRONICS
9419 E US HWY 175,
KEMP, TX 75143
TITLE
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TAGS	QTY	CATALOG	DESCRIPTION
J1-101.37	1		HBL 20A 277/480V Watertight L22-20R Twist-lock
J3-103.39	1	UNV00002750	460R9W 60A 2P 250V RECEPTACLE
J2-102.37 J3-103.06 J3-103.17 J3-103.28	4	UNV00003755	5100R9W 100A 4P 208Y/120V RECEPTACLE
2 HOLE GRND LUG	1	UNV00007136	2 HOLE GROUND LUG
PL1-101.16 PL1-101.36	2	UNV00002277	600V 150A 8-2AWG MALE PANEL RECEPTACLE CAM LOCK-GREEN
PL1-101.10 PL1-101.30	2	UNV00002278	150A 600V MALE CAMLOCK -ORANGE
PL1-101.13 PL1-101.33	2	UNV00002280	150A 600V MALE CAMLOCK -YELLOW
PL1-101.07 PL1-101.27	2	UNV00013726	600V 150A 8-2AWG MALE PANEL RECEPTACLE CAM LOCK-BLACK
J3-103.48 J3-103.55 J3-103.66 J3-103.73 J3-103.80 J3-103.87	6	UNV00013024	HBL 20A 125V Watertight Straight Blade Grndg Splx
CB2-102.20	1	UNV00014726	3P 200A 240/480V MCCB
CB3-103.39	1	UNV00015180	3P 60A 600V UL489 MCCB
CB3-103.48 CB3-103.55 CB3-103.66 CB3-103.73 CB3-103.80 CB3-103.87	6	UNV00017491	1P 125V 20A 10KA UL489 DIN RAIL MOUNT BREAKER
CB1-101.18 CB2-102.37 CB3-103.06 CB3-103.17 CB3-103.28	5	UNV00014727	3P 100A 240/480VAC MCCB
DMM2-102.10	1	UNV00016483	POWER METER, 1&3-PH, POSITIVE LCD, 100-240V
CB1-101.37	1	UNV00015169	BK63HU 3P C20A 10kA 480Y/277VAC UL489 DIN RAIL
FU2-102.13 FU2-102.15 FU2-102.17	3	UNV00021007	Bussman .5 Amp 250V Glass Fuse
LT1-101.10 LT1-101.30	2	UNV00016459	Voltage Indicator with Non-Flashing LEDs w/Bezel Mnt
LT1-101.34	1	UNV00019904	Industrial Panel Mount Indicators / Switch Indicators
ATS1-101.19	1	UNV00022333	Generac 100 Amp Automatic Transfer Switch 277/480V 3Ph Nema 3R
T02-102.32 T02-102.32A T02-102.32B T02-102.32C	4	UNV00014768	22 HOLE 10IN BUS BAR
PD 1 PD 2 PD 3	3	UNV00016633	POWER DISTRIBUTION BLOCK 380A 1-6 OPENING
GRND BAR KIT	1	UNV00013942C	GROUND BAR KIT
CT2-102.21 CT2-102.24 CT2-102.27	3	UNV00021008	AC Current transformer, Solid core, 200A Pri -5A Secd 1.56in dia. M4x0.7
XF1-101.21	1	UNV00001275	480DTO 208Y 75KVA TRANSFORMER

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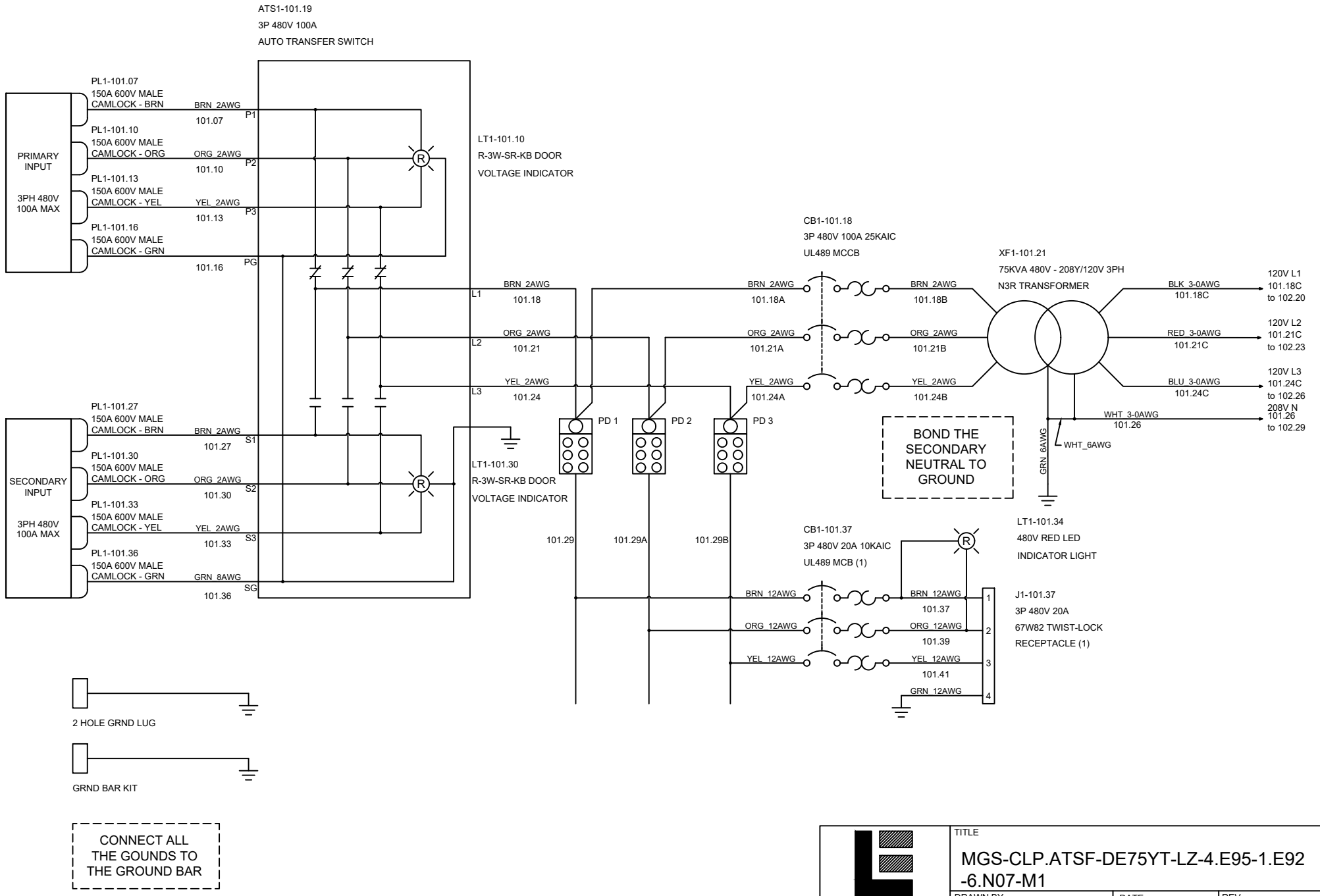
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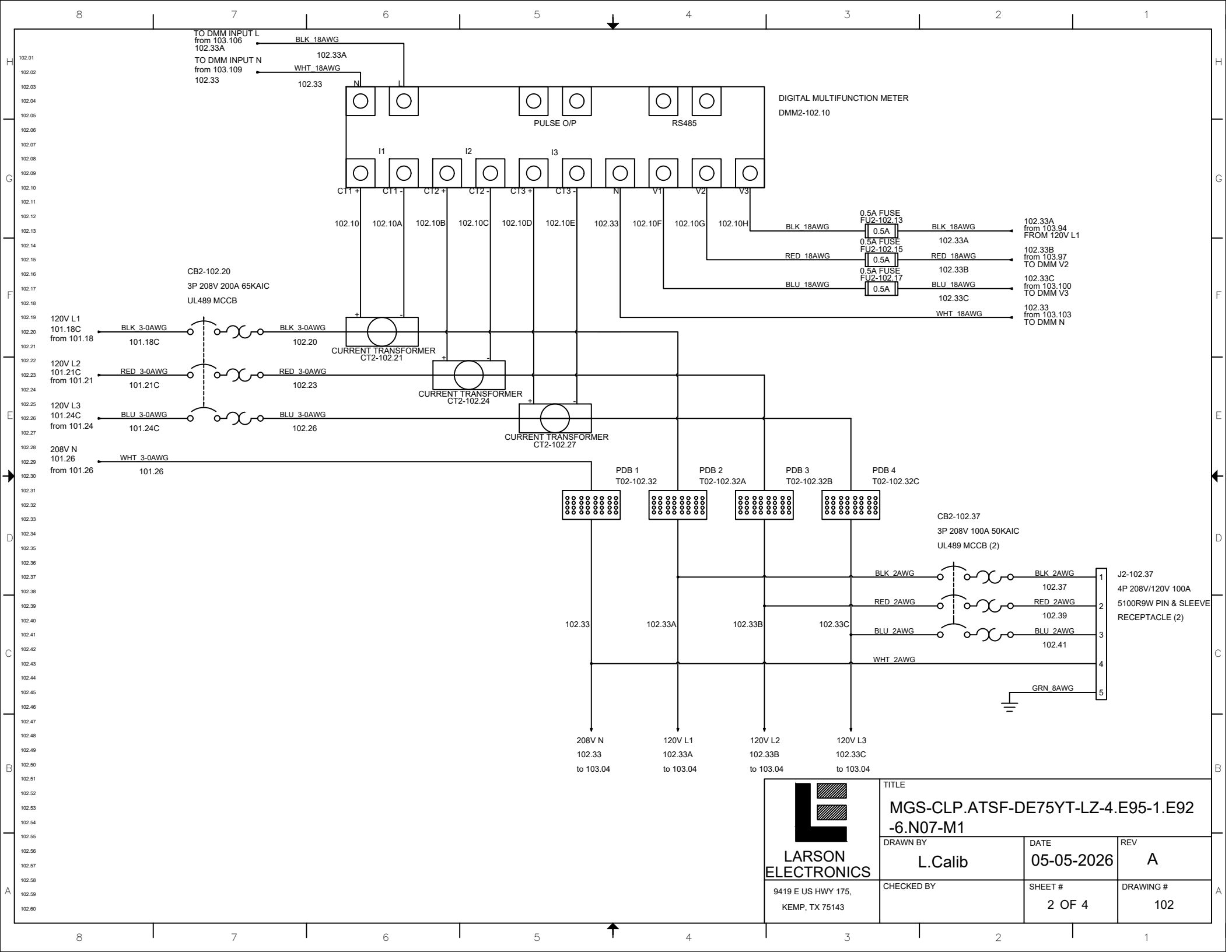
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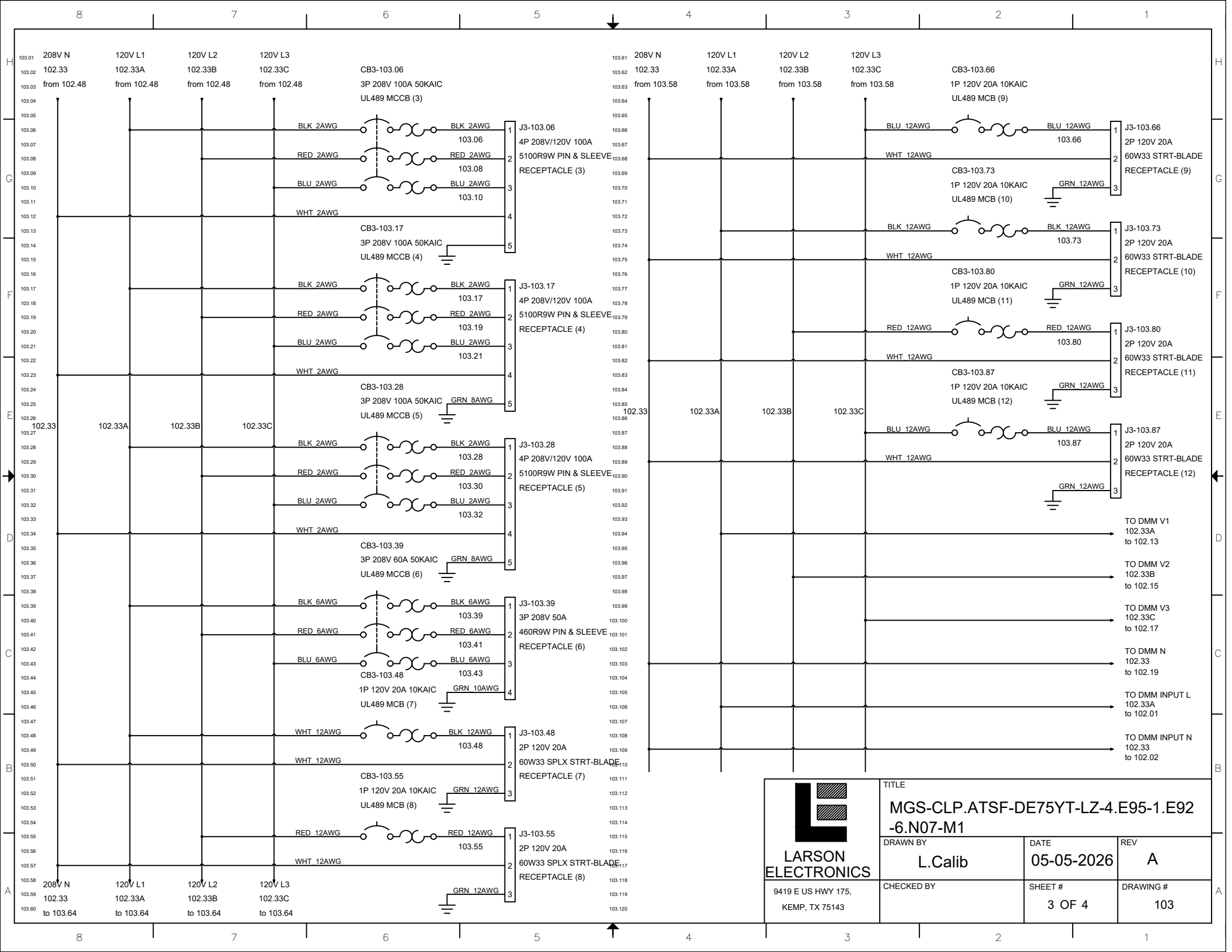
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208V N
102.33
from 102.48
120V L1
102.33A
from 102.48
120V L2
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from 102.48
120V L3
102.33C
from 102.48
CB3-103.06
3P 208V 100A 50KAIC
UL489 MCCB (3)
BLK_2AWG
RED_2AWG
BLU_2AWG
WHT_2AWG
103.06
103.08
103.10
J3-103.06
4P 208V/120V 100A
5100R9W PIN & SLEEVE
RECEPTACLE (3)
CB3-103.17
3P 208V 100A 50KAIC
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CB3-103.28
3P 208V 100A 50KAIC
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J3-103.28
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GRN_12AWG
208V N
102.33
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102.33A
to 103.64
120V L2
102.33B
to 103.64
120V L3
102.33C
to 103.64
208V N
102.33
from 103.58
120V L1
102.33A
from 103.58
120V L2
102.33B
from 103.58
120V L3
102.33C
from 103.58
CB3-103.66
1P 120V 20A 10KAIC
UL489 MCB (9)
BLU_12AWG
WHT_12AWG
103.66
J3-103.66
2P 120V 20A
60W33 STRT-BLADE
RECEPTACLE (9)
CB3-103.73
1P 120V 20A 10KAIC
UL489 MCB (10)
GRN_12AWG
BLK_12AWG
103.73
J3-103.73
2P 120V 20A
60W33 STRT-BLADE
RECEPTACLE (10)
CB3-103.80
1P 120V 20A 10KAIC
UL489 MCB (11)
RED_12AWG
103.80
J3-103.80
2P 120V 20A
60W33 STRT-BLADE
RECEPTACLE (11)
CB3-103.87
1P 120V 20A 10KAIC
UL489 MCB (12)
103.87
J3-103.87
2P 120V 20A
60W33 STRT-BLADE
RECEPTACLE (12)
102.33
102.33A
102.33B
102.33C
TO DMM V1
102.33A
to 102.13
TO DMM V2
102.33B
to 102.15
TO DMM V3
102.33C
to 102.17
TO DMM N
102.33
to 102.19
TO DMM INPUT L
102.33A
to 102.01
TO DMM INPUT N
102.33
to 102.02
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TAGS	QTY	CATALOG	DESCRIPTION
J1-101.37	1		HBL 20A 277/480V Watertight L22-20R Twist-lock
J3-103.39	1	UNV00002750	460R9W 60A 2P 250V RECEPTACLE
J2-102.37 J3-103.06 J3-103.17 J3-103.28	4	UNV00003755	5100R9W 100A 4P 208Y/120V RECEPTACLE
2 HOLE GRND LUG	1	UNV00007136	2 HOLE GROUND LUG
PL1-101.16 PL1-101.36	2	UNV00002277	600V 150A 8-2AWG MALE PANEL RECEPTACLE CAM LOCK-GREEN
PL1-101.10 PL1-101.30	2	UNV00002278	150A 600V MALE CAMLOCK -ORANGE
PL1-101.13 PL1-101.33	2	UNV00002280	150A 600V MALE CAMLOCK -YELLOW
PL1-101.07 PL1-101.27	2	UNV00013726	600V 150A 8-2AWG MALE PANEL RECEPTACLE CAM LOCK-BLACK
J3-103.48 J3-103.55 J3-103.66 J3-103.73 J3-103.80 J3-103.87	6	UNV00013024	HBL 20A 125V Watertight Straight Blade Grndg Splx
CB2-102.20	1	UNV00014726	3P 200A 240/480V MCCB
CB3-103.39	1	UNV00015180	3P 60A 600V UL489 MCCB
CB3-103.48 CB3-103.55 CB3-103.66 CB3-103.73 CB3-103.80 CB3-103.87	6	UNV00017491	1P 125V 20A 10KA UL489 DIN RAIL MOUNT BREAKER
CB1-101.18 CB2-102.37 CB3-103.06 CB3-103.17 CB3-103.28	5	UNV00014727	3P 100A 240/480VAC MCCB
DMM2-102.10	1	UNV00016483	POWER METER, 1&3-PH, POSITIVE LCD, 100-240V
CB1-101.37	1	UNV00015169	BK63HU 3P C20A 10kA 480Y/277VAC UL489 DIN RAIL
FU2-102.13 FU2-102.15 FU2-102.17	3	UNV00021007	Bussman .5 Amp 250V Glass Fuse
LT1-101.10 LT1-101.30	2	UNV00016459	Voltage Indicator with Non-Flashing LEDs w/Bezel Mnt
LT1-101.34	1	UNV00019904	Industrial Panel Mount Indicators / Switch Indicators
ATS1-101.19	1	UNV00022333	Generac 100 Amp Automatic Transfer Switch 277/480V 3Ph Nema 3R
T02-102.32 T02-102.32A T02-102.32B T02-102.32C	4	UNV00014768	22 HOLE 10IN BUS BAR
PD 1 PD 2 PD 3	3	UNV00016633	POWER DISTRIBUTION BLOCK 380A 1-6 OPENING
GRND BAR KIT	1	UNV00013942C	GROUND BAR KIT
CT2-102.21 CT2-102.24 CT2-102.27	3	UNV00021008	AC Current transformer, Solid core, 200A Pri -5A Secd 1.56in dia. M4x0.7
XF1-101.21	1	UNV00001275	480DTO 208Y 75KVA TRANSFORMER

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

TITLE: MGS-CLP.ATSF-DE75YT-LZ-4.E95-1.E92-6.N07-M1

DRAWN BY	DATE	REV
L.Calib	05-05-2026	A
CHECKED BY	SHEET #	DRAWING #
	4 OF 4	104

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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664



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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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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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

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)

There are no Faqs