

MPD-SB12-CLP-FM-YT0YT-PZ-12.L35-6.N07-R1

200A Rack Mount Power Distribution - 208Y Input - (18) Receptacles - Camlock Input/FT - 12RU ATA

Product ID: 278768



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-SB12-CLP-FM-YT0YT-PZ-12.L35-6.N07-R1 Rack Mount Power Distribution

Line-In: (1 Set) 16 Series Female Camlocks w/ Covers [Blue, Red, Black, White, Green]

Line-Out: (1 Set) 16 Series Male Camlocks [Blue, Red, Black, White, Green] - Feed Thru, 400A Maximum

Primary Voltage: 208Y

System Amps: 200A

Secondary Voltage: 208Y/120 V AC

Secondary Breakers: (12) 30A 3P [208V], (6) 20A 1P [120V]

Secondary Receptacles: (12) 30A L21-30R [208V], (6) 20A T-slot 5-20R Duplex [120V]

Power Monitoring: Power Indicator Lights (Input Camlocks), Power Meter LCD Monitor

Form Factor: 31" Rack mount ATA Case, Shock Mount 12RU ATA Cube w/ (2) Swivel Casters and (2) Locking Casters

Frame Materials: -

Dimensions: 21.50"-L x 21.50"-W x 23.200 "-H

Weight: -

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.

Ratings

Certified for United States & Canada

NRTL Listed to UL 508A

NRTL Listed to UL 1640

NRTL Listed to CSA C22.2 No. 14

Special Orders - Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-214-616-6180

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

This unit is Made In USA - Manufactured in Texas

The MPD-SB12-CLP-FM-YT0YT-PZ-12.L35-6.N07-R1 from Larson Electronics is a Rack Mount Power Distribution unit that is a portable power solution designed for stages, movie sets, concerts, and

entertainment sites. This mobile power distribution unit provides operators the ability to safely tap into and distribute 208Y power from a variety of sources, including generators and direct grid power, found in motion picture production.

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

Portable Power Distribution Purpose and Use

The MPD-SB12-CLP-FM-YT0YT-PZ-12.L35-6.N07-R1 portable power distribution system gives operators the ability to power their 208 volt and 120 volt equipment from a single system within live recording and entertainment venues. An accessible LCD monitor at the top of the unit allows highly visible monitoring of power usage and allocation during use. From equipment testing to live recording sets, these portable stations make power at busy production sites readily available and safe to use. On the primary side, operators connect 208Y line-in power using one set of 16 series female camlock inputs with covers (blue, red, black, white and green) and to one set of 16 series male camlock outputs (blue, red, black, white and green) for feed-through operation. The secondary side contains twelve NEMA L21-30R twist lock receptacles for 208V equipment and six NEMA 5-20R t-slot duplex straight blade receptacles for 120V equipment.

Operation: One set of 16 series female camlock inputs with covers (blue, red, black, white and green) brings 208Y into the primary side of the 200-amp mobile power distribution unit, which contains one set of 400-amp maximum 16 series male camlock outputs for feed-through operation. The secondary side is equipped with twelve 30-amp 3-pole 208V breakers protecting twelve 30-amp 208V L21-30R receptacles and six 20-amp 1-pole 120V breakers protecting six 20-amp 120V 5-20R t-slot duplex receptacles.

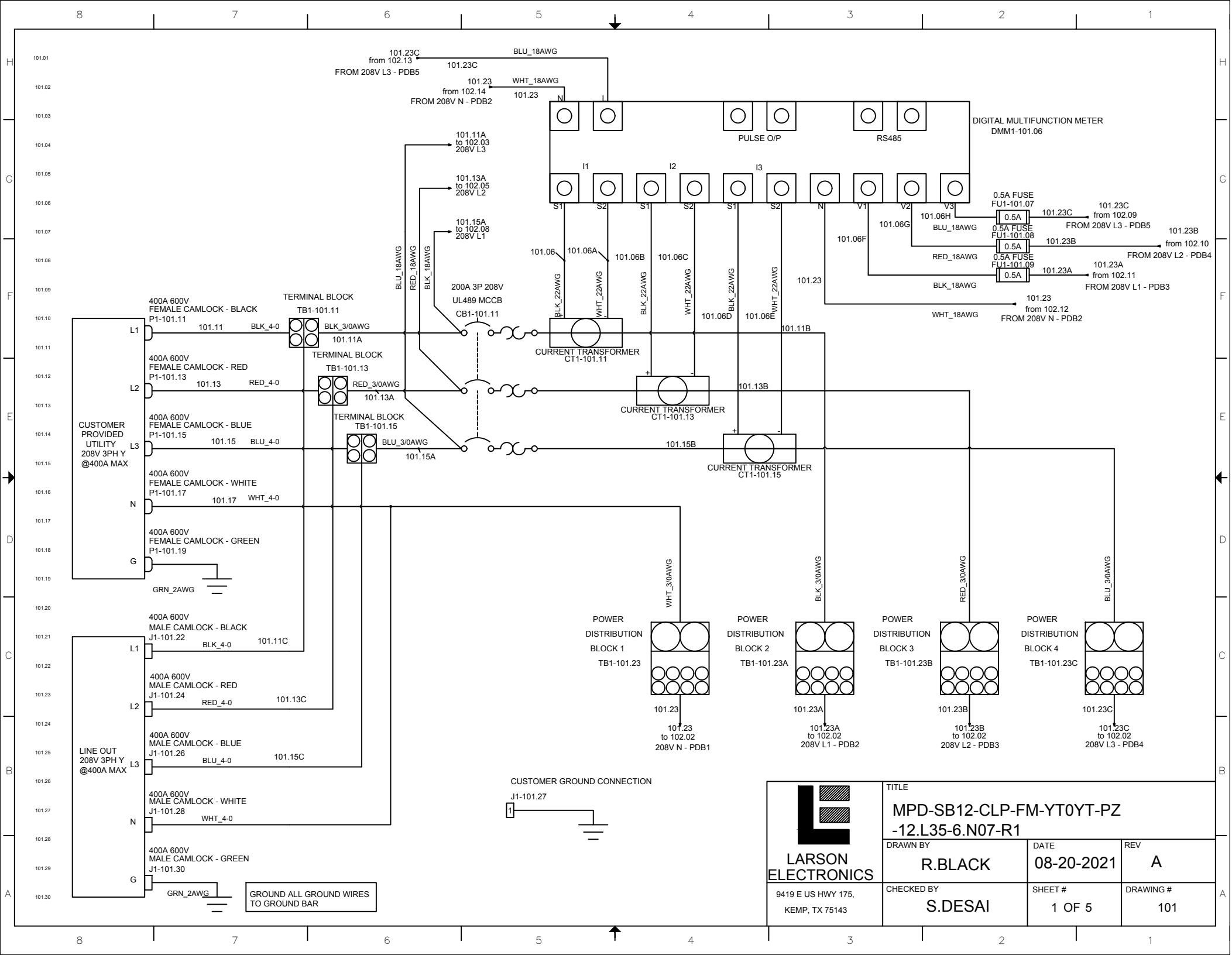
Protective Construction: All components are secured inside a compact 31" rack mount ATA case. This black case features side-located handles for mobility around the production or recording site. Four casters (two swivel and two locking) are available at the bottom of the power distribution unit, which allows operators to move the station easily without lifting. Dual locking casters ensure stable use and safe storage when being transferred in trucks or other large vehicles. This durable case is resistant to shock and takes on a standard design that is similar with professional recording equipment. It can withstand frequent handling around live stages and loading/unloading at outdoor locations.

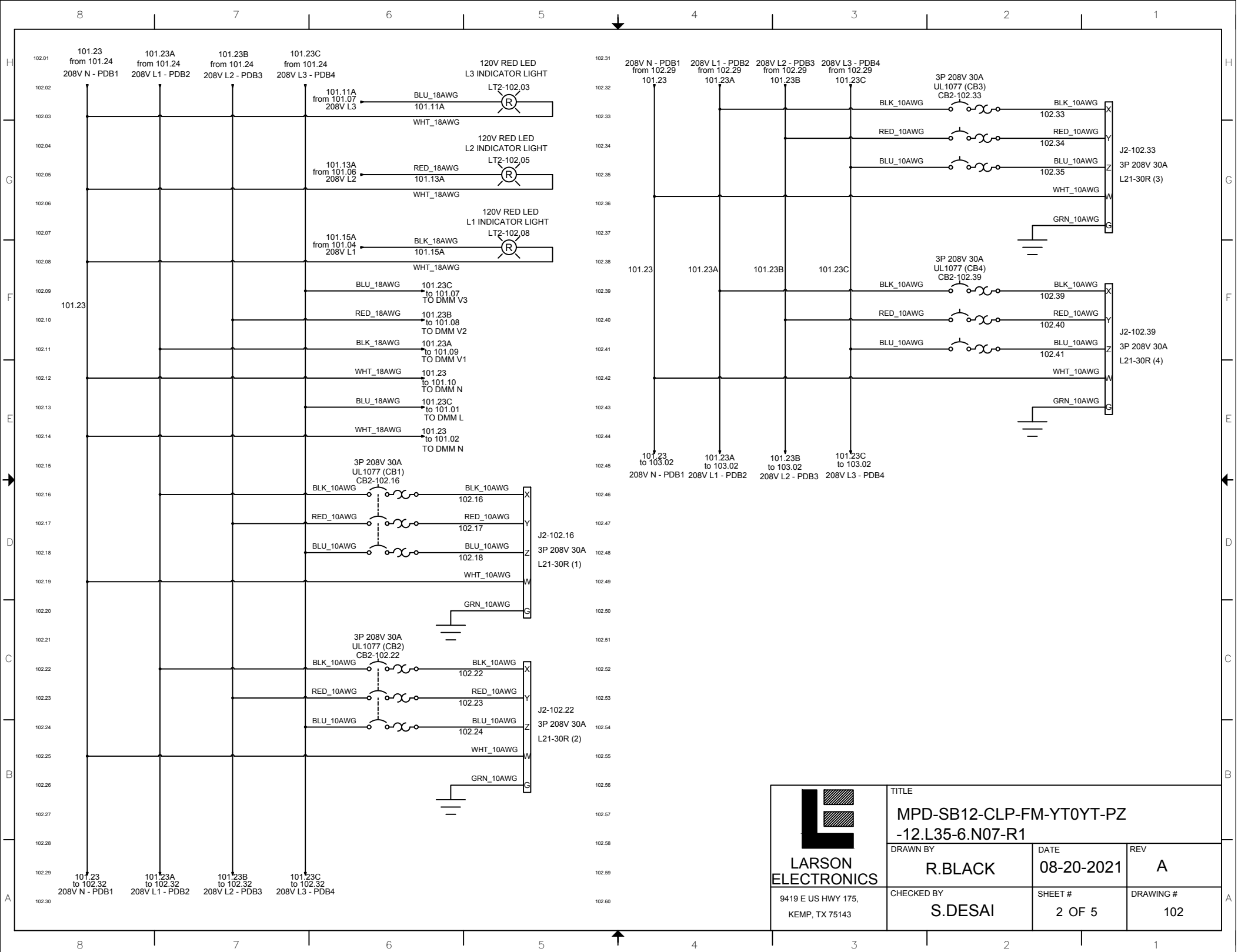
Certification: All units are built in accordance to NFPA 70 (National Electric Code) and certified to UL 1640. All equipment is NEMA 3R rated for indoor and outdoor use and provide a degree of protection against dirt, water, and ice. NEMA 4 and NEMA 4X equipment can be equipped upon request.

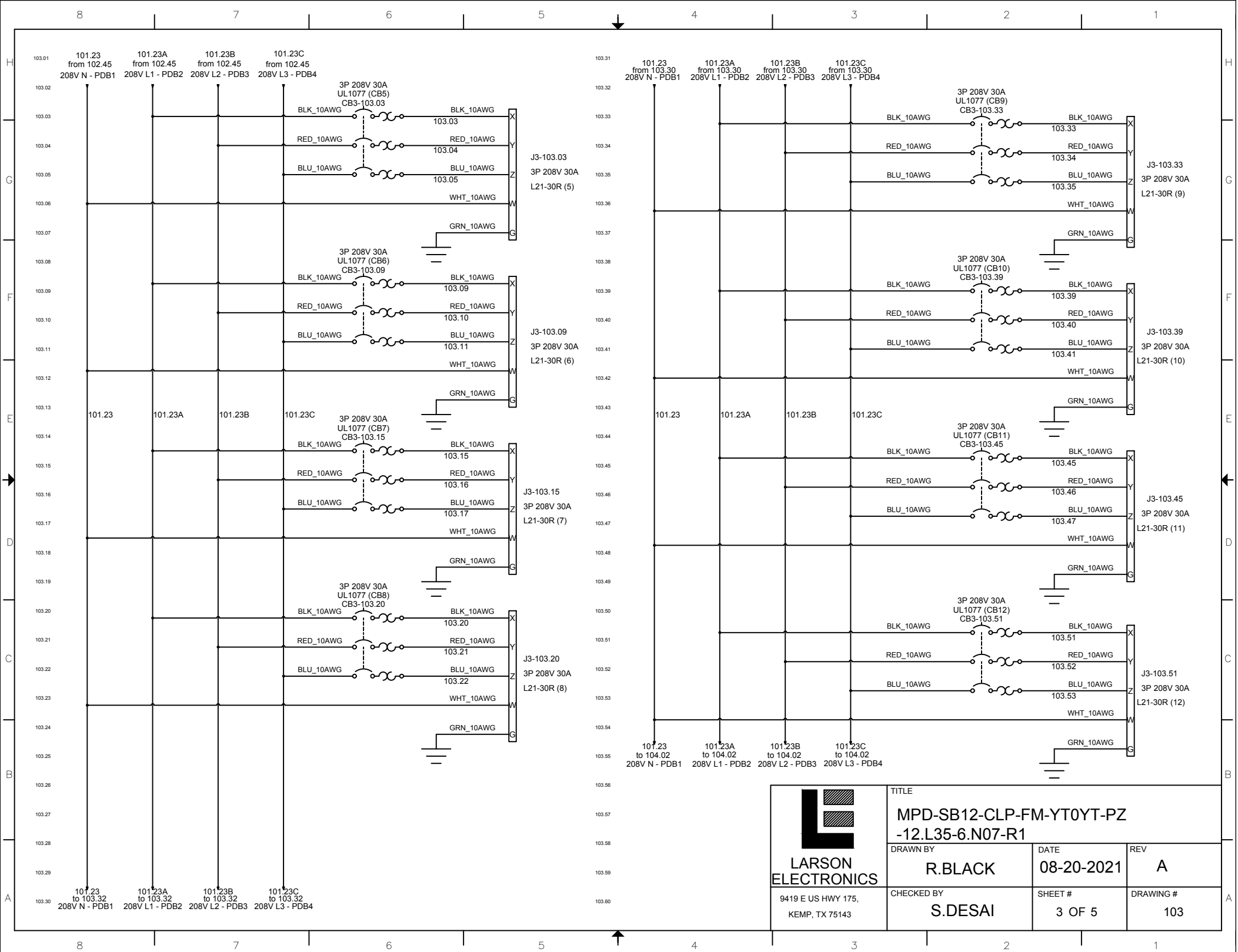
Applications: This power distribution system is ideal for indoor or outdoor use and applications including but not limited to, movie sets, entertainment, television sets, stage lighting, studio recording, sporting events, rigging, audio and video production, concerts and motion picture production. These 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.

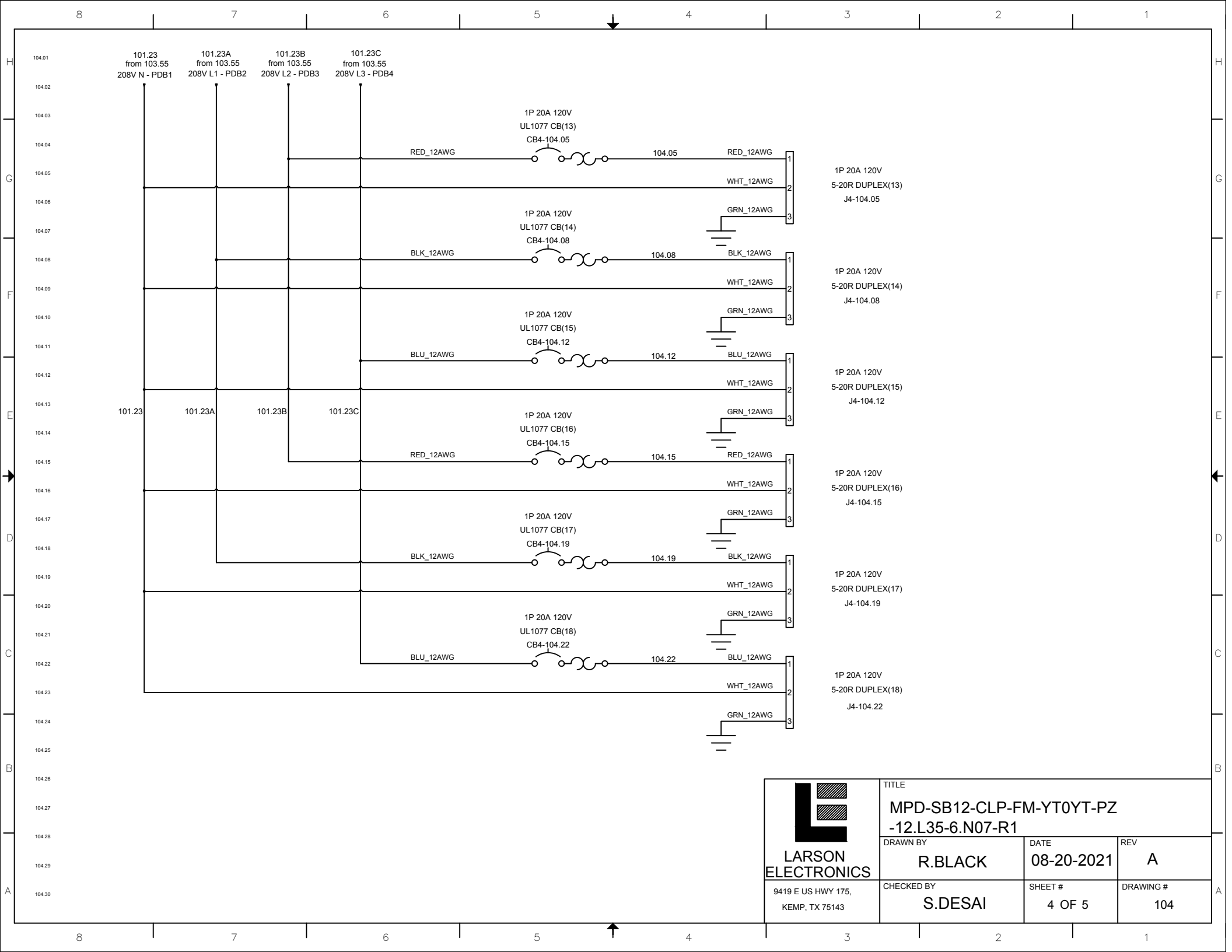
Custom Built Systems Available: Larson Electronics is a manufacturer and we can build portable power distribution systems to your specifications. Although we carry several models of portable power distribution systems in stock, we can deliver custom ordered units almost as quickly as our prebuilt units. 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.

8	7	6	5	4	3	2	1
REV	DESCRIPTION						DATE
A	PRODUCTION RELEASE						08/20/2021
MPD-SB12-CLP-FM-YT0YT-PZ -12.L35-6.N07-R1							
							
8	7	6	5	4	3	2	1

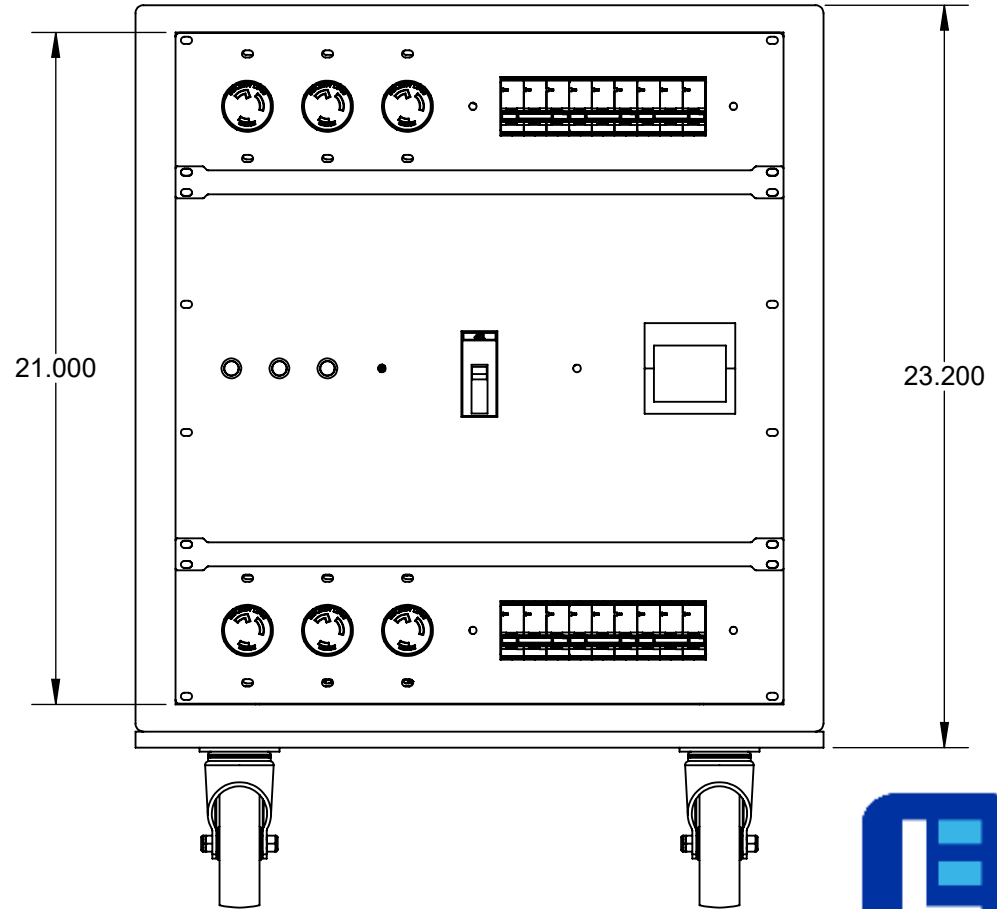
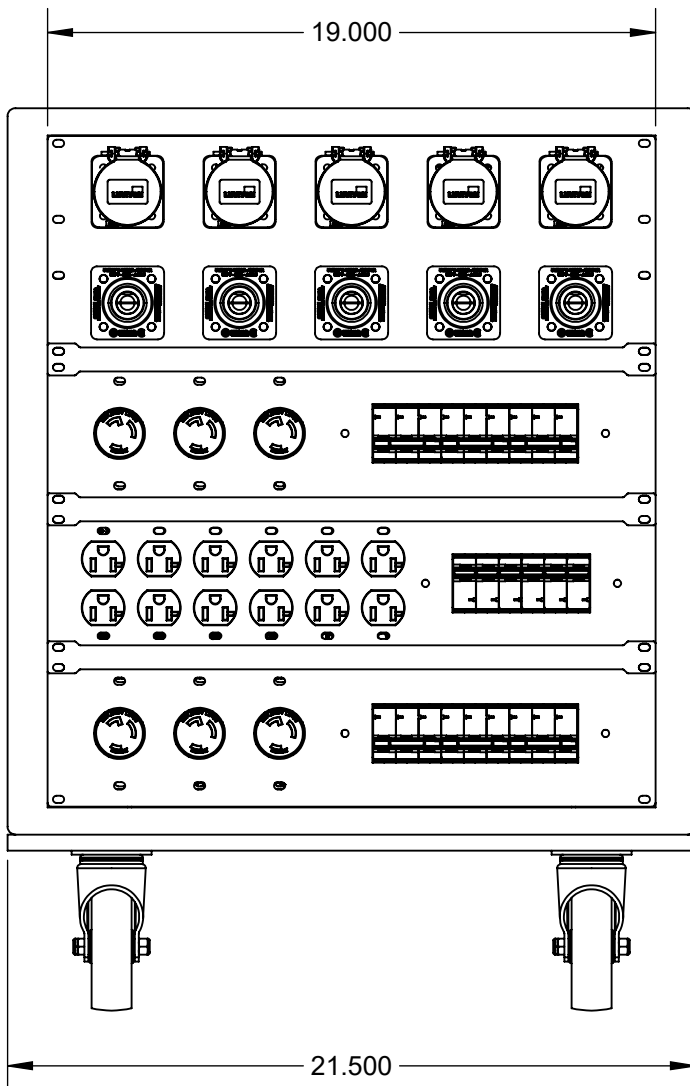








 LARSON ELECTRONICS 9419 E US HWY 175, KEMP, TX 75143	TITLE MPD-SB12-CLP-FM-YT0YT-PZ -12.L35-6.N07-R1		
	DRAWN BY R.BLACK	DATE 08-20-2021	REV A
	CHECKED BY S.DESAI	SHEET # 4 OF 5	DRAWING # 104



PART NUMBER:

**MPD-SB12-CLP-FM-YT0YT-
PZ-12.L35-6.N07-R1**

SIZE

A

REV

1

SCALE: NTS

SHEET 1 OF 1

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS
DRAWING IS THE SOLE PROPERTY OF
LARSON ELECTRONICS LLC. ANY
REPRODUCTION IN PART OR AS A WHOLE
WITHOUT THE WRITTEN PERMISSION OF
LARSON ELECTRONICS LLC IS
PROHIBITED.

UNLESS OTHERWISE

NOTED:

Angle +/- 5 deg.

X +/- 1/2

.X +/- 1/4

.XX +/- 1/8

DIMENSIONS ARE IN INCHES

DO NOT SCALE DRAWING

DATE

10/27/2021



WARNING
FOR USE BY QUALIFIED PERSONNEL ONLY - The
moving of certain loads connected to the wiring
and wiring of safety components, and the
operation and de-energization of safety systems
must be performed by qualified personnel only.

LARSON ELECTRONICS
MPC-5859-CLP-FM-TT97T-42-0135-12-NA-01
Larson Electronics, Inc. is a leading manufacturer of safety systems and components for the construction industry. Our products are designed to protect workers and equipment from injury and damage. We are committed to providing the highest quality products and services to our customers.

LARSONELECTRONICS.COM
1-800-369-6671
sales@larsonelectronics.com

LARSON ELECTRONICS
Larson Electronics, Inc. is a leading manufacturer of safety systems and components for the construction industry. Our products are designed to protect workers and equipment from injury and damage. We are committed to providing the highest quality products and services to our customers.

CAUTION
HIGH VOLTAGE
1-800-369-6671 / LARSONELECTRONICS.COM

CAUTION
SHED ALL LOADS
BEFORE TURNING
ON/OFF









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

[<- Back](#)

Product Description

Title: STAGE & STUDIO PORTABLE WIRING COMPARTMENTS

Company: LARSON ELECTRONICS LLC - Kemp, TX USA

Product Information: Power Distribution System, Model Nos. MGL, MPD, MGS, WAL series; Followed by AAK-PBB.FFF-SCC.GGG-EEXCCC.DDD; Where AA = 2,3,5,7,9,15,20,25,30,45,50,75; BB = 1P, 3P; FFF = 480,240,208,120; CC = 1P,3P; GGG = 480,240,208,120; EE = # of outlets; CCC = voltage; DDD = outlet amperage.

Evaluated to the following: A representative sample of the listed devices have been tested, investigated and found to comply with the requirements of the Standard(s) for Stage & Studio Portable Wiring Compartments (UL-1640) and are identified with the ETL Listed Mark.

[<- Back](#)

Contact Us

Americas+1-888-347-5478
(or +1-312-906-7801)

Email
dirlist@intertek.com

[Intertek Home](#)
[Product Directories](#)

Inspector Center

Get up-to-date information on everything from our Accreditations to our Certifications and Marks. [Learn more...](#)

News

Intertek Unveils New Design for Product Safety and Quality Certification Marks. [Learn more...](#)

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

[<- Back](#)

Product Description

Title: INDUSTRIAL CONTROL EQUIPMENT

Company: LARSON ELECTRONICS LLC - Kemp, TX USA

Product Information: Industrial Control Panels For General Use.

Power Distribution System, Model Nos. MGL, MPD, MGS series; Followed by AAK-PBB.FFF-SCC.GGG-EEXCCC.DDD; Where AA = 2,3,5,7,9,15,20,25,30,45,50,75; BB = 1P, 3P; FFF = 480,240,208,120; CC = 1P,3P; GGG = 480,240,208,120; EE = # of outlets; CCC = voltage; DDD = outlet amperage.

Evaluated to the following: A representative sample of the listed devices have been tested, investigated and found to comply with the requirements of the Standard(s) for Industrial Control Equipment (CAN/CSA-C22.2 No. 14) and are identified with the cETL Listed Mark.

[<- Back](#)

Contact Us

ETL listed products that are in doubt or for products that do not appear in the directory, please request a verification of certification.

Americas+1-888-347-5478
(or +1-847-660-7407)
Email
etldirectory@intertek.com

[Intertek Home](#)
[Product Directories](#)
[DLP on mobile devices](#)

Inspector Center

Get up-to-date information on everything from our Accreditations to our Certifications and Marks. [Learn more...](#)

News

Intertek Unveils New Design for Product Safety and Quality Certification Marks. [Learn more...](#)

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

Frequently Asked Questions (FAQ)