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

MTPC-LD-RB-240V-25HP-20HP-N1

Rotary Phase Converter for 20HP Easy Loads, 240V 1PH to 3PH, 52.4 Amps Output, 25HP Idler, NEMA 1

Product ID: 243309



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.

MTPC-LD-RB-240V-25HP-20HP-N1 Rotary Phase Converter

Unit Type: Rotary Phase Converter
Phase Conversion: Single Phase to Three Phase
Kilowatt Rating: 18.6 KW
Kilo Volt-Amp Rating: 25 KVA
Idle Motor Horse Power: 25 HP
Single Phase Voltage Input: 240V
Minimum Fuse/Circuit Breaker Size: 40
Maximum Fuse/Circuit Breaker Size: 125
Minimum Wire (Input) to Converter: 2 AWG
Minimum Electrical Service Required: 37.5 KVA
Idle Amps: -
Service Load Type: Easy motor loads
Three Phase Voltage Output: 240
Maximum Single Motor Load HP: 20 HP
Recommended Combined HP: 20 HP
Optimal Output Amps: 52.4A
Maximum Output Amps: 57A
Maximum Resistive Amps: 35A
Voltage Balance: 2-5%
Minimum Wire to Device Load: 4 AWG
Form Factor: Rectangular Enclosure, Cylindrical Idler w/ Four Legs
Color: Natural Gray
Weight: - lbs
Dimensions: -

Ratings/Approvals

Indoor Use (NEMA 1)
Built-in Motor Starter
Start/Stop Push Button Switch
Accurate Voltage Balancing
Power Indicator Light
Made in the USA

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-214-616-6180

Shipping Weight: - lbs

Shipping Dimensions: -

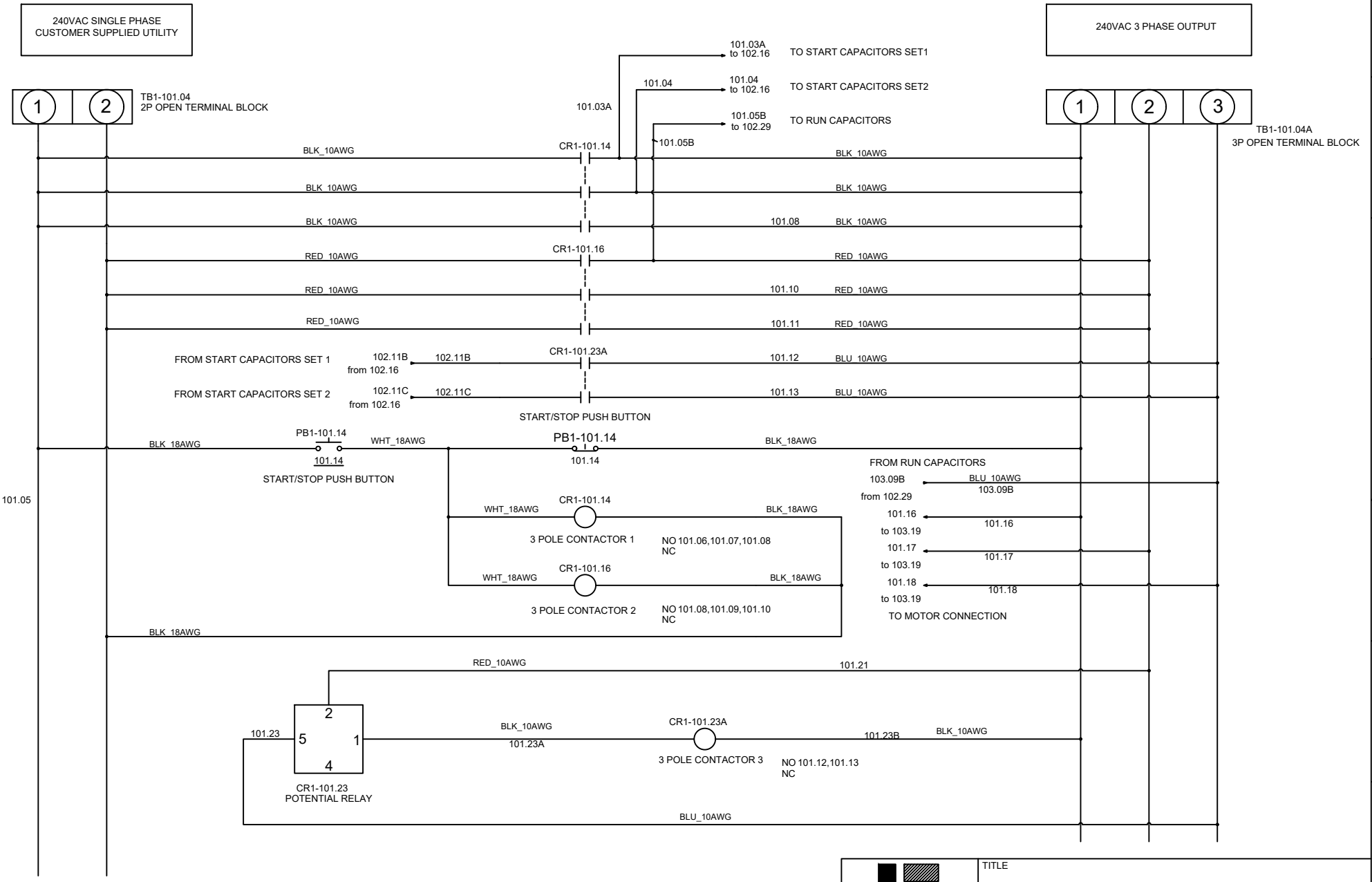
Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

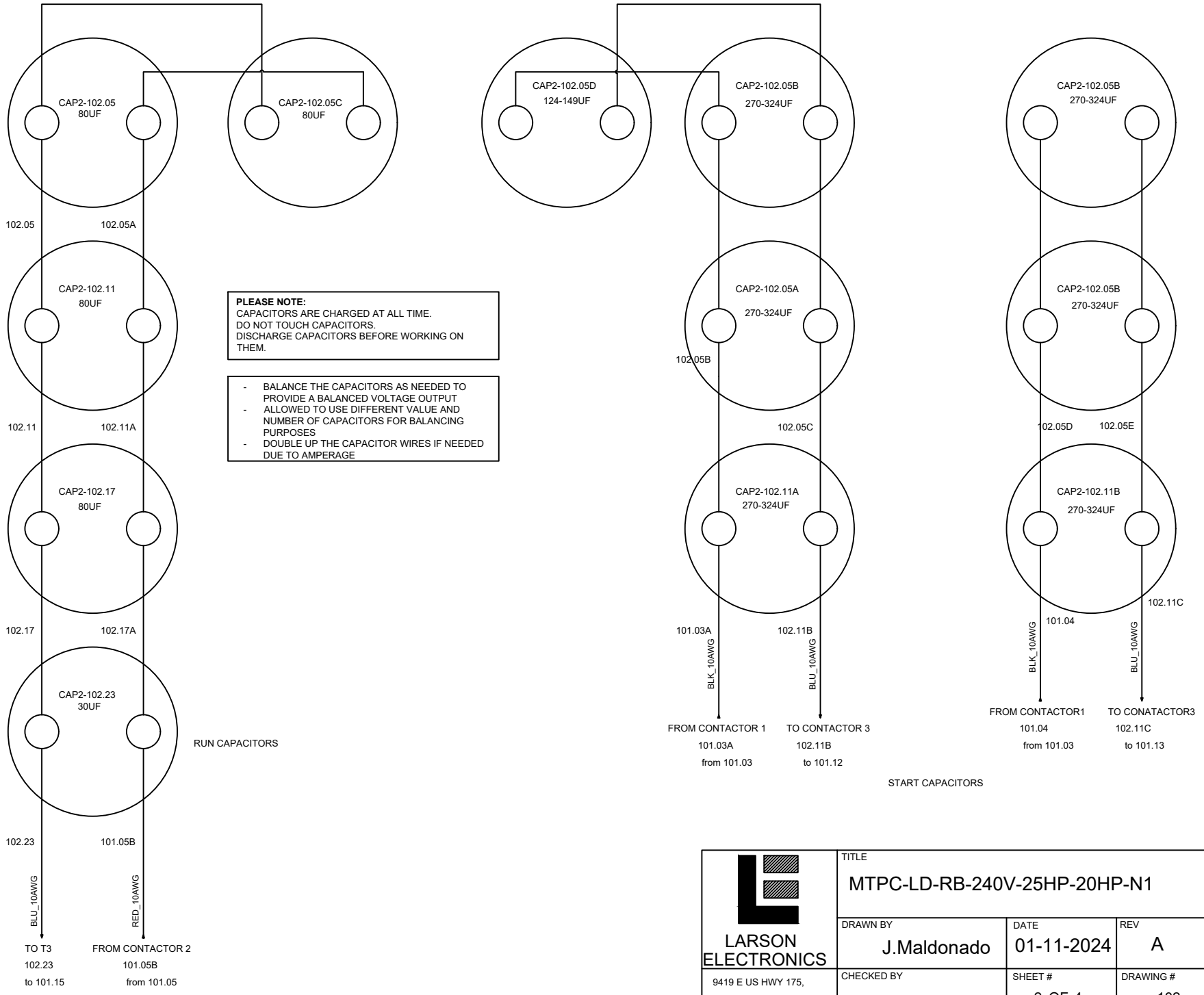
REV	DESCRIPTION	DATE
A	PRODUCTION RELEASE	01-11-2024

MTPC-LD-RB-240V-25HP-20HP-N1

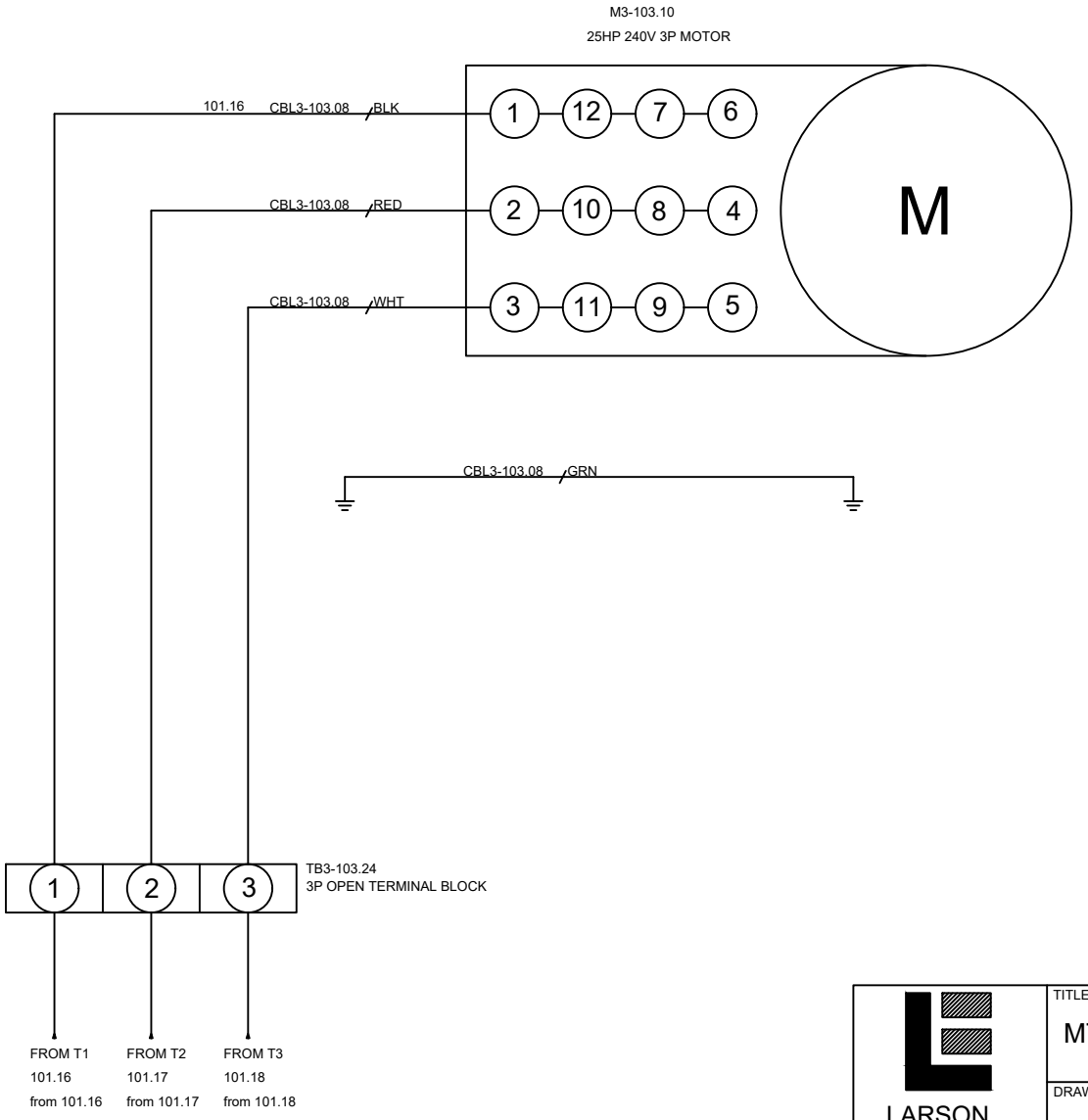
LARSON ELECTRONICS®



LARSON ELECTRONICS 9419 E US HWY 175, KEMP, TX 75143	TITLE: MTPC-LD-RB-240V-25HP-20HP-N1		
	DRAWN BY: J.Maldonado	DATE: 01-11-2024	REV: A
	CHECKED BY:	SHEET #: 1 OF 4	DRAWING #: 101



LARSON ELECTRONICS 9419 E US HWY 175, KEMP, TX 75143	TITLE: MTPC-LD-RB-240V-25HP-20HP-N1		
	DRAWN BY: J.Maldonado	DATE: 01-11-2024	REV: A
	CHECKED BY:	SHEET #: 2 OF 4	DRAWING #: 102



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9419 E US HWY 175,
KEMP, TX 75143

TITLE			
MTPC-LD-RB-240V-25HP-20HP-N1			
DRAWN BY	DATE	REV	
J.Maldonado	01-11-2024	A	
CHECKED BY	SHEET #	DRAWING #	
	3 OF 4	103	

TAGS	QTY	CATALOG	DESCRIPTION
CAP2-102.05D	1	UNV00014352	124-149UF 330VAC ROUND MOTOR START CAPACITOR
CAP2-102.23	1	UNV00015758	30UF 440VAC ROUND MOTOR RUN CAPACITOR
CAP2-102.05 CAP2-102.05C CAP2-102.11 CAP2-102.17	4	UNV00014922	80UF 440VAC ROUND MOTOR RUN CAPACITOR
CAP2-102.05A CAP2-102.05B CAP2-102.11A CAP2-102.11B	6	UNV00014354	270-324UF 330VAC ROUND MOTOR START CAPACITOR
CR1-101.14 CR1-101.16 CR1-101.23A	3	UNV00014928	3P 50A 240V CONTACTOR
CR1-101.23	1	UNV00015270	POTENTIAL RELAY - 258-287 PICKUP - 500V COIL
TB1-101.04A TB3-103.24	2	UNV00014708	OPEN TERMINAL BLOCK - 175A 3 POLE - LINE 1 2/0AWG TO 8AWG - LOAD 4 4AWG TO 14AWG
TB1-101.04	1	UNV00014327	OPEN TERMINAL BLOCK - 175A 2 POLE - LINE 1 2/0AWG TO 8AWG - LOAD 4 4AWG TO 14AWG
M3-103.10	1	UNV00014091	25HP 1800RPM 208-230/460VAC 3PH ELECTRIC MOTOR
PB1-101.14	1	UNV00016588	600V 10A START STOP MOMENTARY PUSH BUTTON SWITCH
CBL3-103.08	1	UNV00007277	CORD 6/4 TYPE W 90C BLK

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DRAWN BY	DATE	REV
J.Maldonado	01-11-2024	A
CHECKED BY	SHEET #	DRAWING #
	4 OF 4	104


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A1
WARNING!


LARSON ELECTRONICS
LARSONELECTRONICS.COM
1-800-369-0671
sales@larsonelectronics.com
A1
CAUTION
ATTENTION
LARSON ELECTRONICS
CAT. NO. PDM 107-J
SPEC. 369457L01151
HP 7.5
VOLTS 208-240
AMPS 21.5-20.7
R.P.M. 1800
FRAME 213TZ
HZ 60
PH 3
SER. F. 1.15
CODE
DES
CLASS B
NEMA NOM. EFF.
%
P.F.
%
RATING 40C AMB-CONT
CC
USABLE AT 208V
A
BEARINGS DE 6205
ODE 6205
ENCL. DPSR
SN F180615125


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ON
OFF
WARNING!



Material Safety Data Sheet

To Whom It May Concern,

Larson Electronics LLC MTPC industrial line of phase converters 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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Frequently Asked Questions (FAQ)