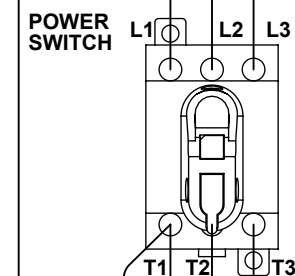


RED TO ARM LIGHTS

AC POWER IN
FOR SINGLE PHASE (1Ø)
CONNECT TO L1 & L3
FOR 3Ø
CONNECT TO L1, L2 & L3
A 20A CIRCUIT BREAKER MUST
BE PROVIDED IN THE FIELD BY
THE INSTALLER



240V,
250W HEATER,
IF INSTALLED
SEE SHEETS 2 & 3
FOR WIRING DETAILS

POWER CONNECTION FROM SWITCH TO VFD
FOR 1Ø CONNECT T1 TO L1 & T3 TO L3
FOR 3Ø CONNECT T1 TO L1, T2 TO L2 & T3 TO L3

**SAM 30 / 50 ELECTRICAL PANEL WITH
MX4671-01 / -02 LED RETROFIT KIT INSTALLED**

GREEN -
RED +

CLASS 2
CONTROL CIRCUIT

RED TO
TRAFFIC LIGHT(S)

NOTE: NO LONGER USED

TO CYLINDER -
SENSOR
(MX002444)

BOARD, 5V-12V
ENCODER

CLASS 2
CONTROL CIRCUIT

NOTES:

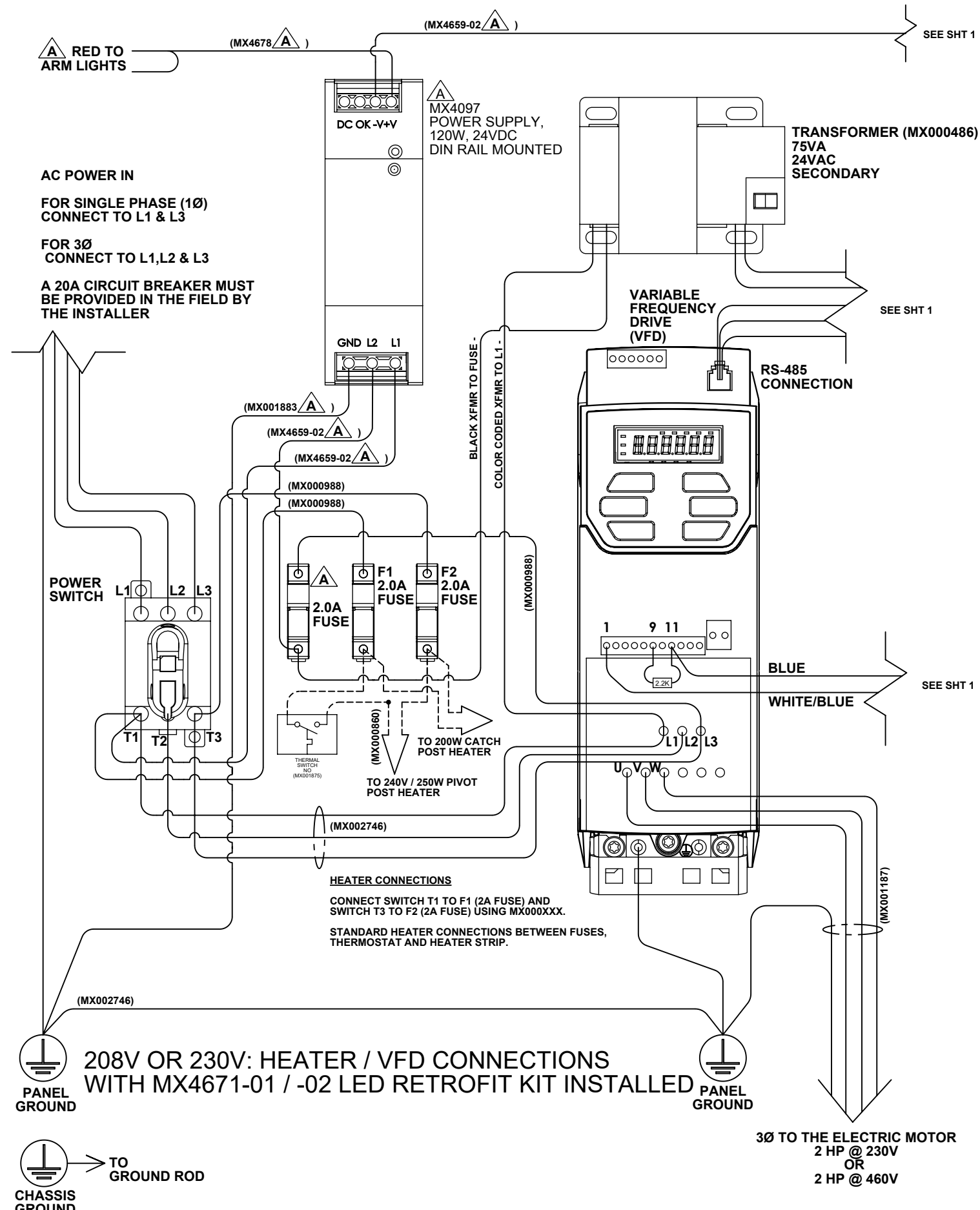
- A 0.5A FUSE MUST BE REPLACED WITH 2.0A.
- HARDWARE AND THE WIRING MODIFICATIONS TO ADAPT TO LED LIGHT STRINGS ARE AS INDICATED.

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE INCHES.
TOLERANCES IN DECIMAL:
2 PLS (0.XX) = ± .03
3 PLS (0.XXX) = ± .005
ANGLES = ± 0.5
DO NOT SCALE DRAWING

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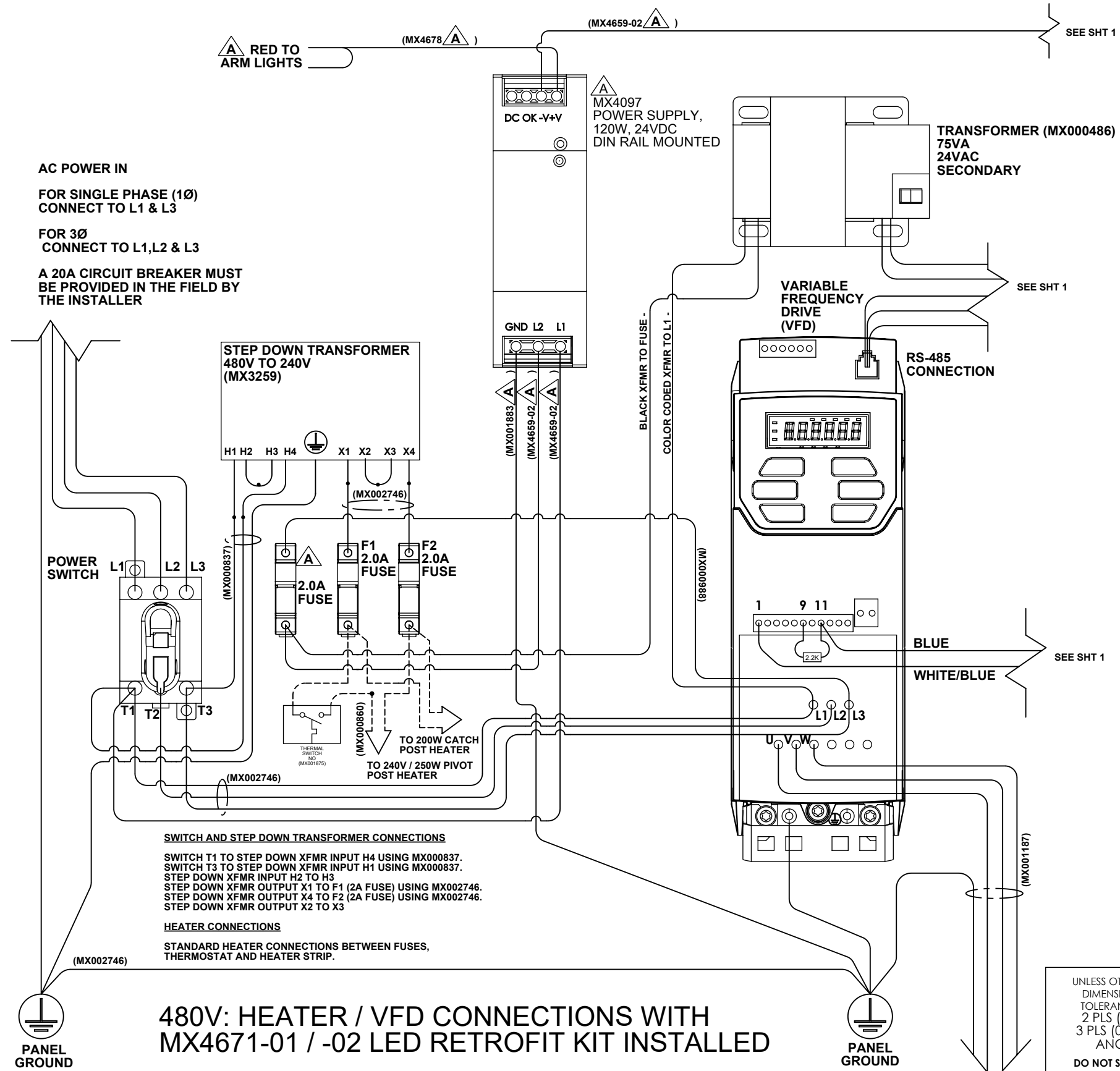
NAME	DATE	DESCRIPTION:	WIRING DIAGRAM, MX4671-01 / -02 LED RETROFIT KIT, SAM30 / 50	
DRAWN	RAW	7/15/2019		
CHECKED				
ENG APPR.			PART NO.:	MATERIAL:
REV BY	REV DATE		D0978	N/A
RAW	7/15/2019		FINISH: N/A	WEIGHT: LBS
			SHEET 1 OF 3	



NOTES:

- A** 0.5A FUSE MUST BE REPLACED WITH 2.0A. HARDWARE AND THE WIRING MODIFICATIONS TO ADAPT TO LED LIGHT STRINGS ARE AS INDICATED.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE INCHES. TOLERANCES IN DECIMAL: 2 PLS (0.XX) = ± .03 3 PLS (0.XXX) = ± .005 ANGLES = ± 0.5		Nice HySecurity <i>Simple. Reliable. Secure.</i> Nice/HySecurity 6705 S 209th St, Ste 101, Kent, WA 98032-2327 <small>PROPRIETARY INFORMATION OF HY-SECURITY GATE, INC. This document, and the information contained herein, are the confidential, proprietary and trade secret information of Hy-Security Gate, Inc. ("Hy-Security"). Any party receiving, accepting or retaining this document thereby agrees to use the document, and any information contained therein, solely as may be required to manufacture products or components for Hy-Security and will not provide this document or any information therein to any other party, or use it for any other purpose, without the express, prior, written consent of Hy-Security.</small>	
DO NOT SCALE DRAWING		DESCRIPTION: WIRING DIAGRAM, MX4671-01 / -02 LED RETROFIT KIT, SAM30 / 50	
DRAWN	NAME: RAW	DATE: 7/15/2019	PART NO.: D0978
CHECKED			MATERIAL: N/A
ENG APPR.			FINISH: N/A
REV BY: RAW	REV DATE: 7/15/2019	WEIGHT: LBS SHEET 2 OF 3	



AC POWER IN
 FOR SINGLE PHASE (1Ø)
 CONNECT TO L1 & L3
 FOR 3Ø
 CONNECT TO L1, L2 & L3
 A 20A CIRCUIT BREAKER MUST
 BE PROVIDED IN THE FIELD BY
 THE INSTALLER

SWITCH AND STEP DOWN TRANSFORMER CONNECTIONS
 SWITCH T1 TO STEP DOWN XFMR INPUT H4 USING MX000837.
 SWITCH T3 TO STEP DOWN XFMR INPUT H1 USING MX000837.
 STEP DOWN XFMR INPUT H2 TO H3
 STEP DOWN XFMR OUTPUT X1 TO F1 (2A FUSE) USING MX002746.
 STEP DOWN XFMR OUTPUT X4 TO F2 (2A FUSE) USING MX002746.
 STEP DOWN XFMR OUTPUT X2 TO X3

HEATER CONNECTIONS
 STANDARD HEATER CONNECTIONS BETWEEN FUSES,
 THERMOSTAT AND HEATER STRIP.

**480V: HEATER / VFD CONNECTIONS WITH
 MX4671-01 / -02 LED RETROFIT KIT INSTALLED**

NOTES:
 ⚠ 0.5A FUSE MUST BE REPLACED WITH 2.0A.
 HARDWARE AND THE WIRING MODIFICATIONS TO
 ADAPT TO LED LIGHT STRINGS ARE AS INDICATED.

UNLESS OTHERWISE SPECIFIED,
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NAME	DATE
DRAWN RAW	7/15/2019
CHECKED	
ENG APPR.	
REV BY RAW	REV DATE 7/15/2019

DESCRIPTION:	WIRING DIAGRAM, MX4671-01 / -02 LED RETROFIT KIT, SAM30 / 50	
PART NO.:	D0978	MATERIAL: N/A
FINISH:	N/A	WEIGHT: LBS SHEET 3 OF 3