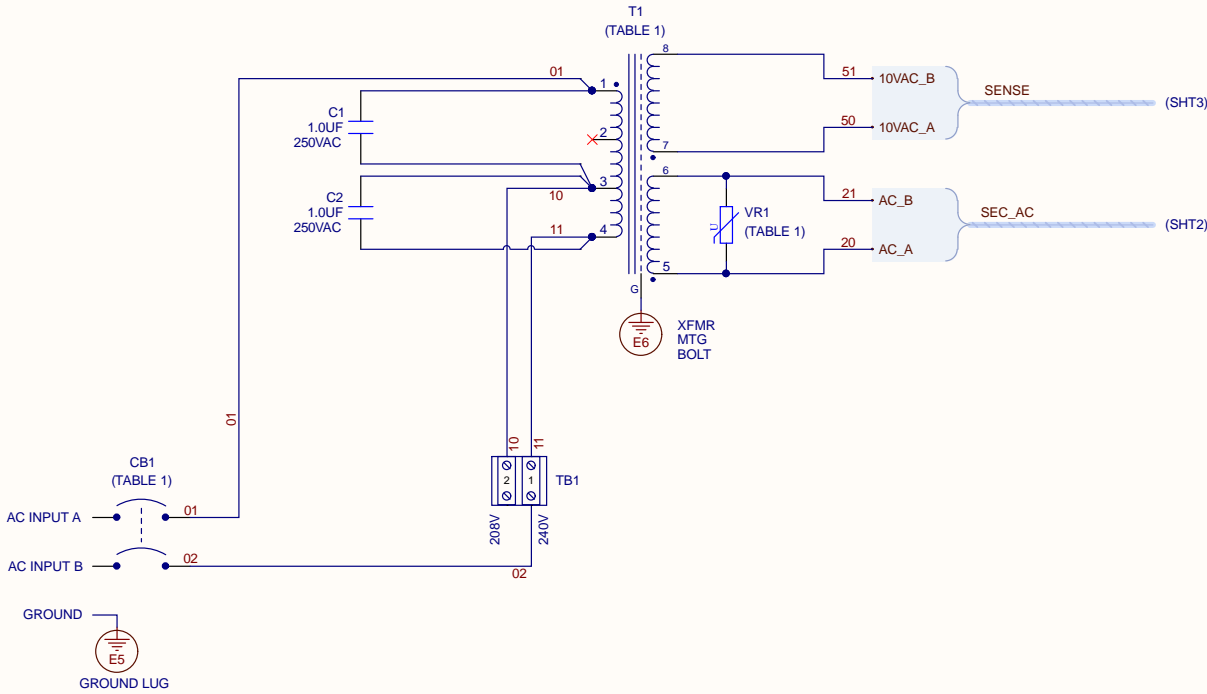


REVISIONS				
DCN	REV	DESCRIPTION	DATE	APPROV.
106051	A	INITIAL RELEASE	16 DEC 2011	TCG
106052	B	CB1, T1 TERM NUMBERS, 240V TAP LABEL	12 JAN 2012	TCG
106471	C	REDRAWN AND UPDATED	18 FEB 2014	TCG
??	D	DIGITAL CONTROL & PROTOCOL BOARDS	08 SEP 2020	TCG




NOTES

- THIS CONFIGURATION IS USED FOR DUAL INPUT MODELS RATED 208/230-240V (CODE Z) WITHOUT INRUSH LIMITER.
- CB1, T1, AND VR1 VARY WITH INPUT RATING. SEE TABLE 1 FOR DETAILS.
- INPUT RATING 5.2 KVA MINIMUM (25A AT 208V), 10.4KVA MAXIMUM (50A AT 208V)
- PRIMARY WIRE SIZE: SEE TABLE 1
- MODELS WITHOUT INRUSH LIMITER ARE LIMITED TO STANDARD 10KAIC BREAKER INTERRUPT RATING.
- MODELS WITHOUT INRUSH LIMITER DO NOT COMPLY WITH EN61000-3-3.
- COMPONENT LEADS THAT ARE NOT PART OF A WIRING HARNESS DO NOT HAVE WIRE NUMBERS.

TABLE 1 INPUT COMPONENT SELECTION

OUTPUT RATING	VR1	SECONDARY AWG	208/230-240V 60HZ CODE Z)		
			T1	CB1	INPUT AWG
24V 150A	130V	2X 4 AWG	600Q18Z	50A 120/240V	6 AWG
48V 75A	130V	4 AWG	600Q26Z	45-50A 120/240V	6 AWG
48V 100A	130V	2 AWG	600Q27Z	60A 120/240V	6 AWG
120V 35A	250V	6 OR 8 AWG	600Q34Z	50A 120/240V	6 AWG
120V 50A	250V	6 AWG	600Q35Z	70A 120/240V	4 AWG
240V 16A	480V	10 AWG	600Q42Z	45-50A 120/240V	6 AWG
240V 25A	480V	10 AWG	600Q43Z	70A 120/240V	4 AWG

PROPRIETARY INFORMATION		APPROVALS		 SENS		STORED ENERGY SYSTEMS			
THIS DRAWING AND DATA EMBODY PROPRIETARY INFORMATION WHICH IS THE CONFIDENTIAL PROPERTY OF STORED ENERGY SYSTEMS, LLC (SENS) AND WHICH SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED TO OTHERS.		DESIGNER		LONGMONT, CO					
		CHECKER		WD,IQ,INP,DUAL					
		ENGINEER		PRIMARY WIRING AND ISOLATION TRANSFORMER					
		T. GROAT		SIZE B		DWG NUMBER WD/00584		REVISION D	
		08 SEP 2020		SHEET 1		OF 1			
© 2020 STORED ENERGY SYSTEMS, LLC		FILE: WD_00584.SCHDOC							