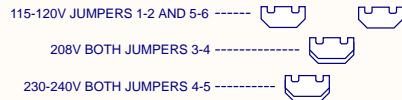
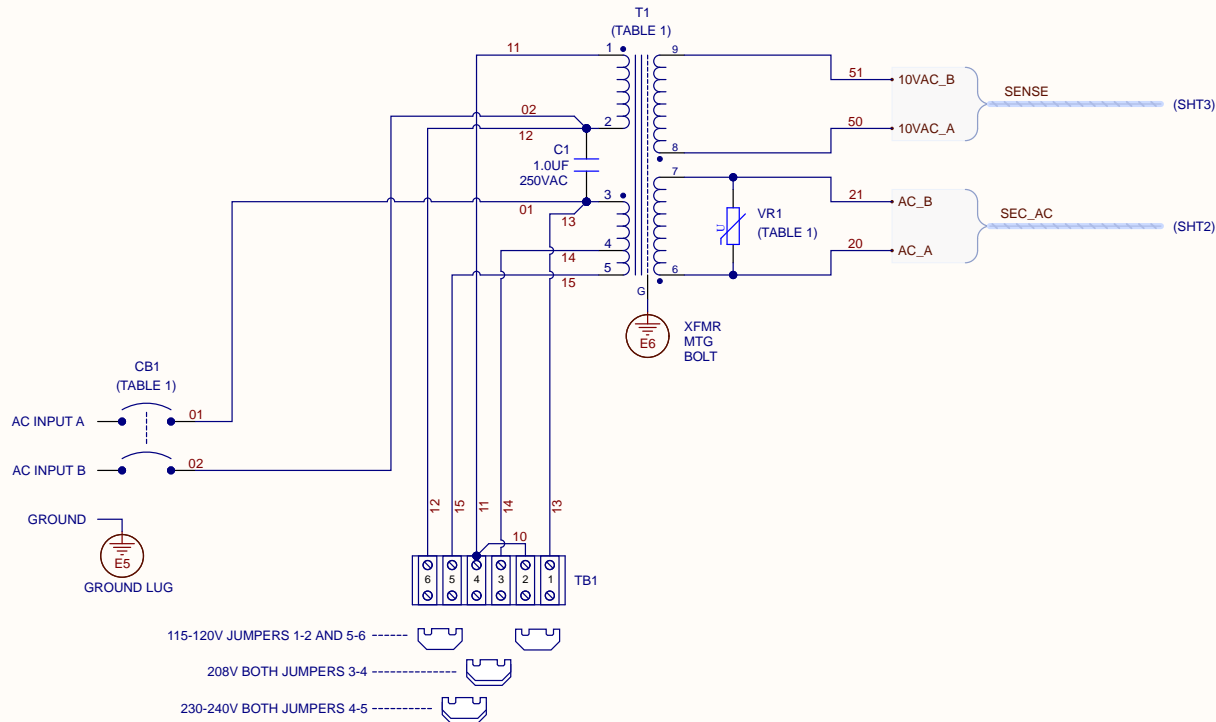


REVISIONS				
DCN	REV	DESCRIPTION	DATE	APPROV.
PLC IQ	B	UPDATED TABLE	11 JUN 2007	TCG
106051	C	T1 PIN NUMBERS, WIRE SIZE	19 DEC 2011	TCG
106471	D	REDRAWN AND UPDATED	18 FEB 2014	TCG
106291	E	DIGITAL CONTROL & PROTOCOL BOARDS	08 SEP 2020	TCG
108400	F	DIGITAL CONTROL & PROTOCOL BOARDS	12 JUN 2023	TCG



## NOTES

- THIS CONFIGURATION IS USED FOR JUMPER-SELECTED THREE WAY INPUT VOLTAGE MODELS: 115-120/208/230-240VAC NOMINAL INPUT (CODES P AND T) WITHOUT INRUSH LIMITERS.
- CB1, T1, AND VR1 VARY WITH INPUT RATING. SEE TABLE 1 FOR DETAILS.
- CIRCUIT BREAKER RATING 35A MIN, 60A MAX, ALLOWING 5.3KVA INPUT RATING (60A X 80% = 48A @ 110VAC)
- FOR 208V AND 230-240V INSTALLATIONS THE BRANCH CIRCUIT SHALL INCLUDE AN OVERLOAD PROTECTOR RATED AT LEAST 125% AND NOT EXCEEDING 167% OF RATED INPUT CURRENT. SEE TABLE 1.
- PRIMARY WIRE SIZES:  
CB1 - T1 PRIMARY: 6 AWG  
T1 PRIMARY - TB1: 10 AWG
- 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	50/60HZ (CODE P)		60HZ (CODE T)		BRANCH CIRCUIT PROTECTOR	
			T1	CB1	T1	CB1	208V	230-240V
12V 150A	130V	2X 4 AWG	600Q08P	45A 240V	600Q08T	45A 120/240V	30-35A	25-30A
24V 75A	130V	4 AWG	600Q16P	45A 240V	600Q16T	45A 120/240V	25-30A	25A
24V 100A	130V	2 AWG	600Q17P	60A 240V	600Q17T	60A 120/240V	35-40A	30-35A
48V 35A	130V	6 OR 8 AWG	600Q24P	40A 240V	600Q24T	40A 120/240V	25A	20A
48V 50A	130V	6AWG	600Q25P	50A 240V	600Q25T	50A 120/240V	30-35A	25-30A
120V 16A	250V	10 AWG	600Q32P	40A 240V	600Q32T	40A 120/240V	25-30A	20-25A
120V 25A	250V	10 AWG	600Q33P	60A 240V	600Q33T	60A 120/240V	35-45A	30-40A
240V 12A	480V	10 AWG	600Q41P	60A 240V	600Q41T	60A 120/240V	35-40A	30-35A

## PROPRIETARY INFORMATION

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## APPROVALS

DESIGNER

CHECKER

ENGINEER

T. GROAT



**SENS**

STORED ENERGY SYSTEMS  
LONGMONT, CO

WD,IQ,INP,3WAY,2600VA

PRIMARY WIRING AND ISOLATION TRANSFORMER

SIZE B DWG NUMBER WD/00548 REVISION F

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