

REVISIONS				
DCN	REV	DESCRIPTION	DATE	APPROV.
		SEE HISTORY FOR PREVIOUS REVS		
106051	C	T1 PIN NUMBERS, WIRE SIZE	19 DEC 2011	TCG
106471	D	REDRAWN AND UPDATED	18 FEB 2014	TCG
106793	E	Q024150 CORRECTIONS, DELETE NOTE 3	20 APR 2015	TCG
??	F	DIGITAL CONTROL & PROTOCOL BOARDS	08 SEP 2020	TCG

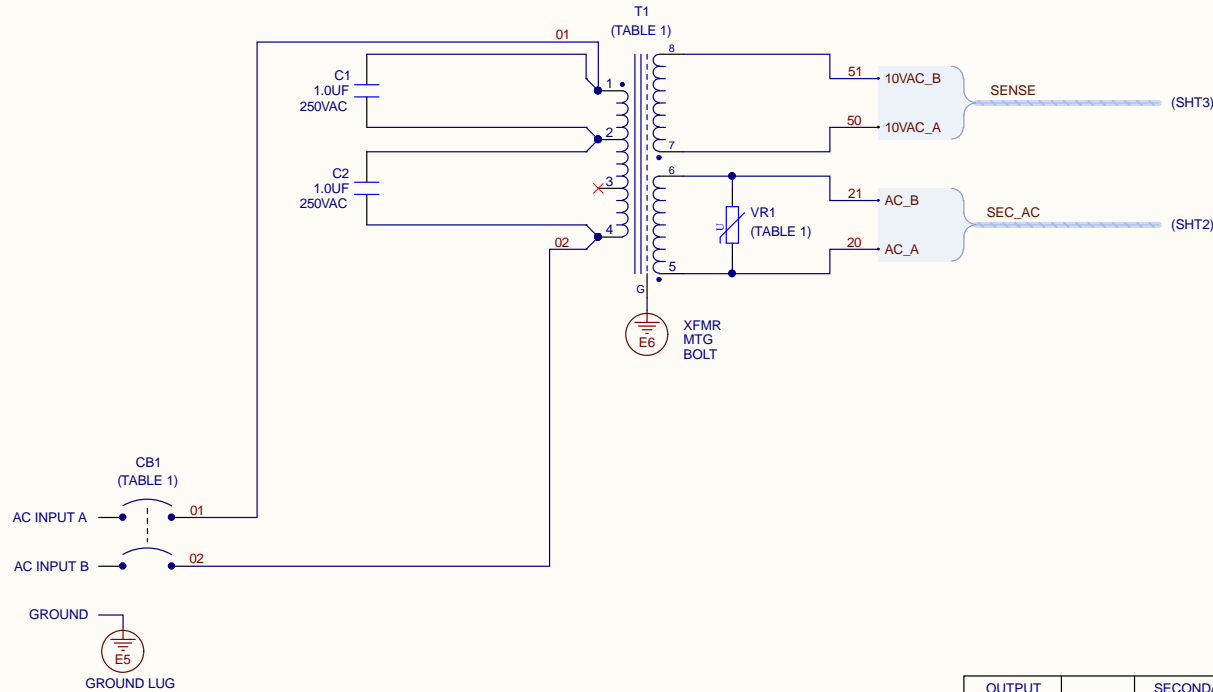



TABLE 1 INPUT COMPONENT SELECTION

OUTPUT RATING	VR1	SECONDARY AWG	50/60HZ (CODE V)			60HZ (CODE 8)		
			T1	CB1	INPUT AWG	T1	CB1	INPUT AWG
12V 150A	130V	2X 4AWG	600Q08V	15A 480V	10 AWG	N/A	N/A	N/A
24V 75A	130V	4 AWG	600Q16V	15A 480V	10 AWG	N/A	N/A	N/A
24V 100A	130V	2 AWG	600Q17V	20A 480V	10 AWG	600Q178	15A 480V	10 AWG
24V 150A	130V	2X 4 AWG	600Q18V	25A 480V	10 AWG	600Q188	20A 480V	10 AWG
48V 50A	130V	6 AWG	600Q25V	15A 480V	10 AWG	600Q258	15A 480V	10 AWG
48V 75A	130V	4 AWG	600Q26V	25A 480V	10 AWG	600Q268	20A 480V	10 AWG
48V 100A	130V	2 AWG	600Q27V	30A 480V	10 AWG	600Q278	25A 480V	10 AWG
120V 25A	250V	10 AWG	600Q33V	20A 480V	10 AWG	600Q338	15A 480V	10 AWG
120V 35A	250V	6 OR 8 AWG	600Q34V	25A 480V	10 AWG	600Q348	25A 480V	10 AWG
120V 50A	250V	6 AWG	600Q35V	35 OR 40A 480V	6 AWG	600Q358	30A 480V	10 AWG
240V 12A	480V	10 AWG	600Q41V	20A 480V	10 AWG	600Q418	15A 480V	10 AWG
240V 16A	480V	10 AWG	600Q42V	25A 480V	10 AWG	600Q428	20A 480V	10 AWG
240V 25A	480V	10 AWG	600Q43V	35 OR 40A 480V	6 AWG	600Q438	30A 480V	10 AWG

NOTES

- THIS CONFIGURATION IS USED FOR SINGLE INPUT MODELS RATED 400-415V OR 480V (CODES V AND 8) WITH MORE THAN 10A INPUT CURRENT, WITHOUT INRUSH LIMITER.
- CB1, T1, AND VR1 VARY WITH INPUT RATING. SEE TABLE 1 FOR DETAILS.
- (NOTE DELETED)
- PRIMARY WIRE SIZE: SEE TABLE 1.
- MODELS WITHOUT INRUSH LIMITER ARE LIMITED TO STANDARD 18KAIC 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.

PROPRIETARY INFORMATION		APPROVALS		 SENS		STORED ENERGY SYSTEMS			
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				WD,IQ,INP,277-480V,10-32A					
		CHECKER		PRIMARY WIRING AND ISOLATION TRANSFORMER					
				SIZE		DWG NUMBER		REVISION	
		ENGINEER		B		WD/00540		F	
T. GROAT				08 SEP 2020		SHEET		1 OF 1	
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