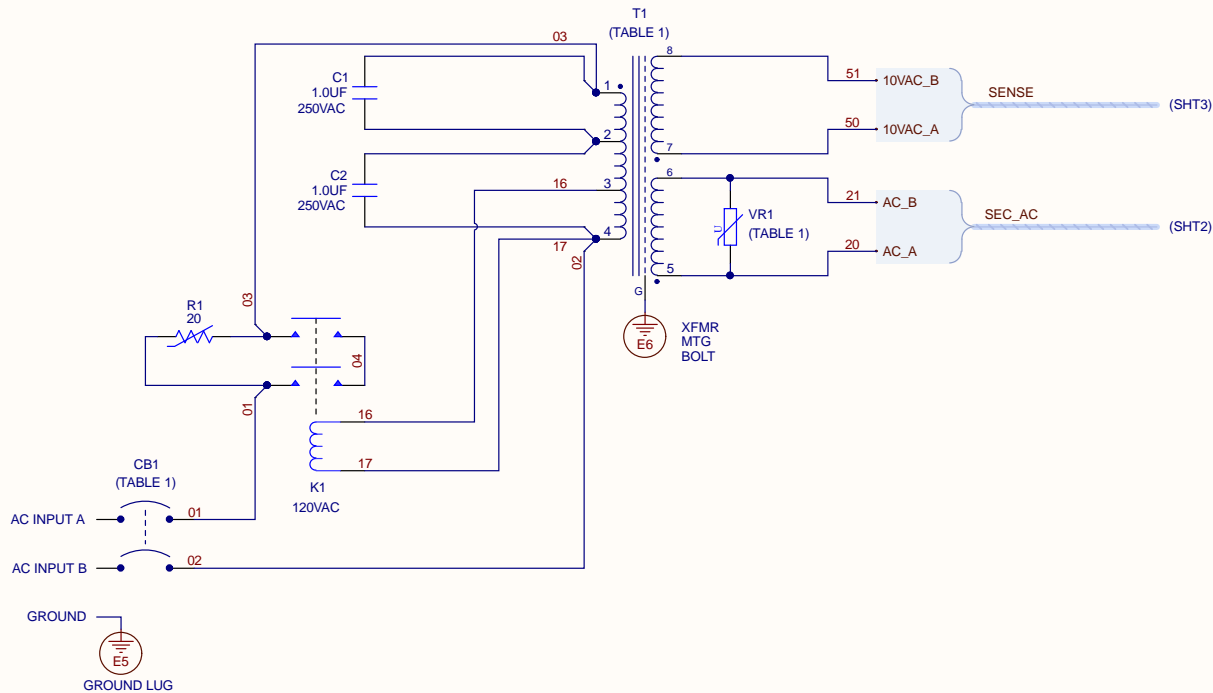


REVISIONS				
DCN	REV	DESCRIPTION	DATE	APPROV.
106471	A	INITIAL RELEASE	18 FEB 2014	TCG
??	B	DIGITAL CONTROL & PROTOCOL BOARDS	08 SEP 2020	TCG



### NOTES

- THIS CONFIGURATION IS USED FOR SINGLE INPUT MODELS RATED 400-415V OR 480V (CODES V AND 8) WITH 10A TO 18A INPUT CURRENT AND EQUIPPED WITH INRUSH LIMITER.
- CB1, T1, AND VR1 VARY WITH INPUT RATING. SEE TABLE 1 FOR DETAILS.
- PRIMARY WIRE SIZES:  
T1 PRIMARY TO K1 COIL: 22 AWG MINIMUM  
ALL OTHERS: 10 AWG
- MODELS WITH OPTIONAL BREAKER INTERRUPT RATINGS (MORE THAN 18KAIC) MUST BE EQUIPPED WITH INRUSH LIMITER.
- CE MARKED MODELS COMPLIANT WITH EN61000-3-3 MUST BE EQUIPPED WITH INRUSH LIMITER.
- 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 V)		60HZ (CODE 8)	
			T1	CB1	T1	CB1
12V 150A	130V	2X 4 AWG	600Q08V	15A 480V	N/A	N/A
24V 75A	130V	4 AWG	600Q16V	15A 480V	N/A	N/A
24V 100A	130V	2 AWG	600Q17V	20A 480V	600Q178	15A 480V
24V 150A	130V	2X 4 AWG	N/A	N/A	600Q188	20A 480V
48V 50A	130V	6 AWG	600Q25V	15A 480V	600Q258	15A 480V
48V 75A	130V	4 AWG	600Q26V	25A 480V	600Q268	20A 480V
120V 25A	250V	10 AWG	600Q33V	20A 480V	600Q338	15A 480V
120V 35A	250V	6 OR 8 AWG	N/A	N/A	600Q348	20A 480V
240V 12A	480V	10 AWG	600Q41V	20A 480V	600Q418	15A 480V
240V 16A	480V	10 AWG	600Q42V	25A 480V	600Q428	20A 480V

### PROPRIETARY INFORMATION

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### APPROVALS

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**SENS**

**STORED ENERGY SYSTEMS  
LONGMONT, CO**

WD,IQ,INP,277-480V,10-18A,INRSH LIM  
PRIMARY WIRING AND ISOLATION TRANSFORMER

SIZE	DWG NUMBER	REVISION
B	WD/00539	B

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FILE: WD\_00539.SCHDOC