

**POWER WIRING**

N50KC45XA 250 MCM BLACK

- L1A TB OR LS,1M
- L2A TB OR LS,1M
- L3A TB OR LS,1M
- L1A TB OR LS,2M
- L2A TB OR LS,2M
- L3A TB OR LS,2M

N50KC45VA #3/0 BLACK

- T4 2MS
- T5 2MS
- T6 2MS

N50KC42MA #8 RES.

- R1 OL,RA
- R2 OL,RB
- R3 OL,RC
- R4 T,RA
- R5 T,RB
- R6 T,RC

N50KC45MA #8 BLACK

- T4 2MT
- T5 2MT
- T6 2MT

**CONTROL WIRING**

LINE VOLTAGE CONTROL WIRING  
N50KC41JA #14 BLACK

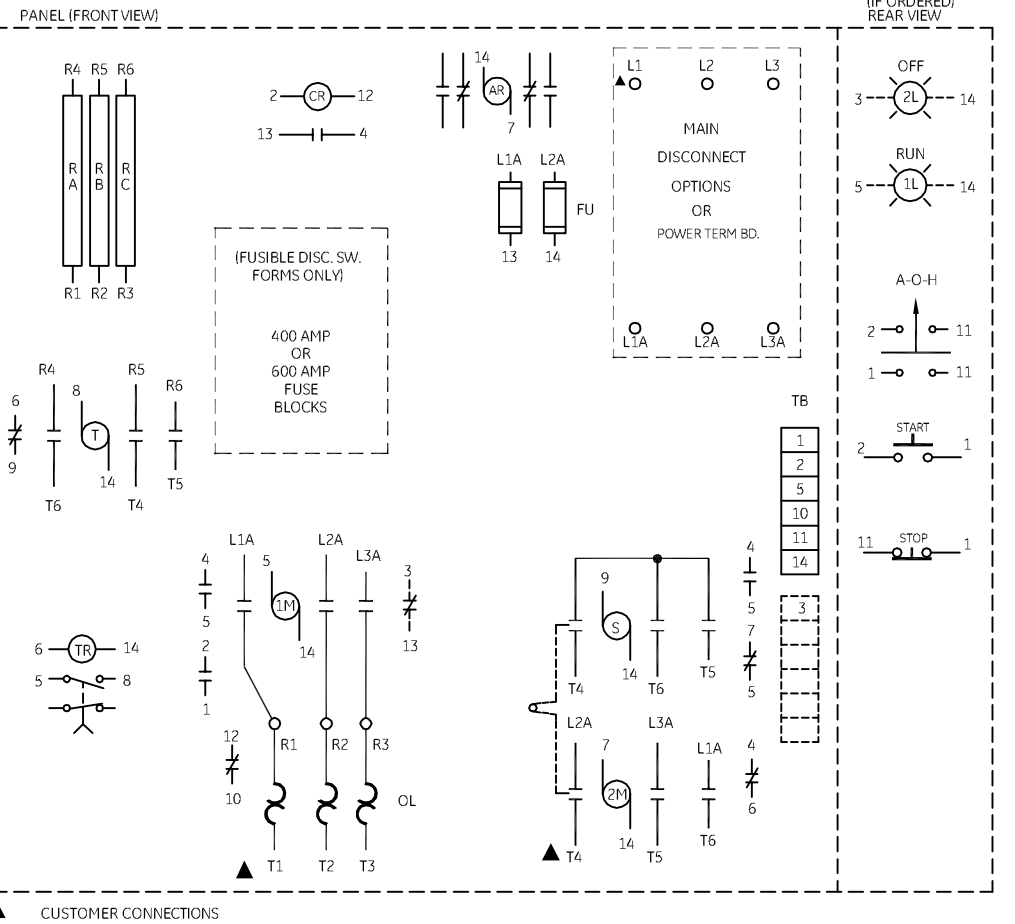
120 VOLT CONTROL WIRING  
N50KC41JC #14 RED

**TIME ADJUSTMENT**  
THE ACCELERATING TIMER (TR) IS SET BY THE FACTORY TO OPERATE AT APPROX. 10 SEC. THIS TIME SETTING MAY BE ADJUSTED BY TURNING THE ADJUSTMENT SCREW ON THE TIMER IN THE DESIRED DIRECTION.

WHEN INSTALLING FIELD WIRING, USE COPPER CONDUCTORS ONLY, EXCEPT AT TERMINALS WHICH ARE LABELED WITH INSTRUCTIONS REGARDING THE PROPER INSTALLATION OF ALUMINUM WIRE.

FOR HAND-OFF-AUTO CONTROL WITH PILOT DEVICE, DISCONNECT WIRE FROM TB POINT 1 AND RECONNECT TO TB POINT 2 AND WIRE AS SHOWN BELOW.

AR(IF USED)



CUSTOMER CONNECTIONS

**NOMENCLATURE (IF ORDERED)**

- AR AUXILIARY RELAY
- CPF CONTROL POWER TRANSFORMER
- FU FUSE
- IL,2L INDICATING LIGHT
- LS LINE SWITCH
- 1M,2M, OL LINE CONTACTORS
- OL OVERLOAD RELAY
- PB PUSHBUTTON
- RA,RB,RC RESISTORS
- S START CONTACTOR
- SS SELECTOR SWITCH
- T TRANSITION CONTACTOR
- TB TERMINAL BOARD
- TC TIME CLOSING CONTACTS (TTR)
- TR TIME DELAY RELAY

FOR CSA GROUND KIT  
ORDER KIT NUMBER FROM THE FOLLOWING TABLE

CONDUIT SIZE	KIT NUMBER
3/4" CONDUIT	55-2134-032-001
1" CONDUIT	55-2134-032-002
1 1/4" CONDUIT	55-2134-032-003
1 1/2" CONDUIT	55-2134-032-004
2" CONDUIT	55-2134-032-005
2 1/2" CONDUIT	55-2134-032-006
3" CONDUIT	55-2134-032-007
3 1/2" CONDUIT	55-2134-032-008



imagination at work

**WIRING DIAGRAM  
STAR-DELTA (CR332 G) CT**

AN #	THIRD ANGLE PROJECTION	SHEET #	DWG NO.	DATE	REV
09-9120		1 OF 1	55-682575	10/13/2009	1