

POWER WIRING - BLACK

N50KC45XA - 250 MCM

- L1A LS TO R
- L2A LS TO R
- L3A LS TO R

N50KC45VA - #3/0

- L1A LS TO S
- L2A LS TO S
- L3A LS TO S

N50KC45RA - #2

- FA, FB, FC
- 2A, 2B, 2C

N50KC45PA - #4

- OA, OB, OC

CONTROL WIRING

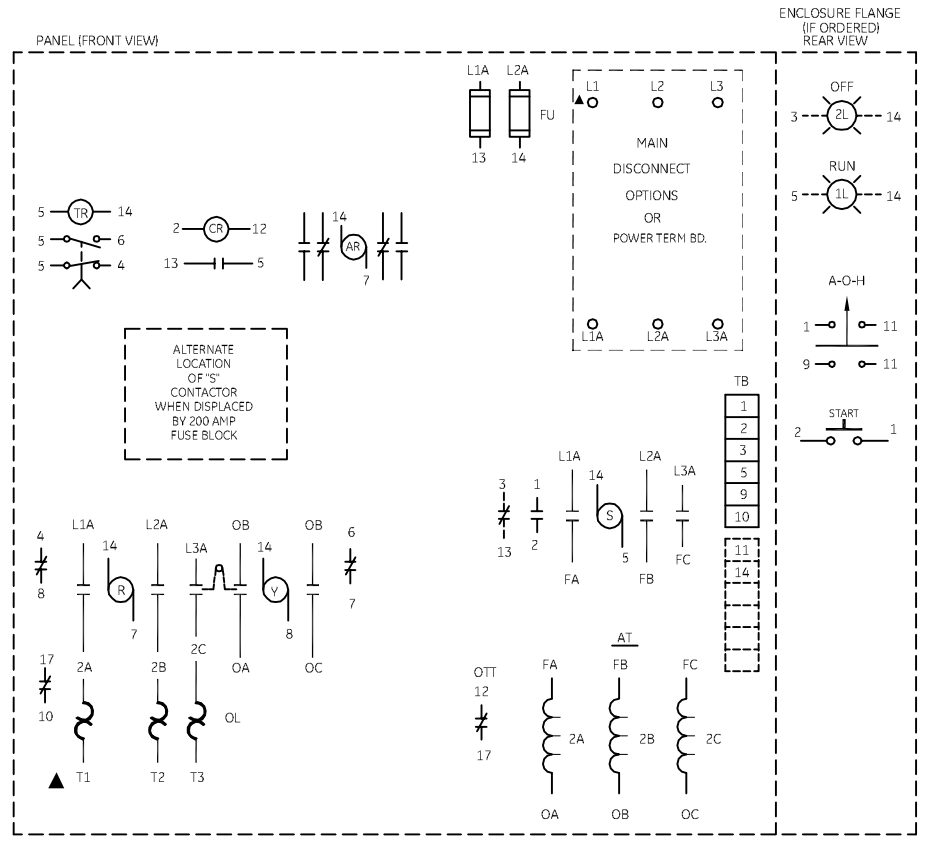
LINE VOLTAGE CONTROL WIRING
N50KC41JA #14 BLACK

SEPARATE CONTROL VOLTAGE 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. THIS SETTING SHOULD NEVER EXCEED 20 SEC.

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

ARI (IF USED)
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CUSTOMER CONNECTIONS

USE 75°C COPPER CONDUCTORS ONLY FOR FIELD WIRING. TORQUE LINE AND LOAD TERMINALS AS MARKED OR AS SHOWN AT RIGHT.

NEVA SIZE	STARTER LINE & LOAD
5	300 LB-IN

NOMENCLATURE (IF ORDERED)

- AM AMMETER
- AMS AMMETER SWITCH
- AR AUXILIARY RELAY
- AT AUTO-TRANSFORMER
- CPT CONTROL POWER TRANSFORMER
- FU FUSE
- IL INDICATING LIGHT
- LS LINE SWITCH
- OL OVERLOAD RELAY
- OTT OVER-TEMPERATURE THERMOSTAT
- PB PUSHBUTTON
- R RUN CONTACTOR
- S START CONTACTOR
- SS SELECTOR SWITCH
- TB TERMINAL BOARD
- TC TIME CLOSING CONTACTS (TR)
- TR TIME DELAY RELAY
- Y WYE CONTACTOR
- PD CUSTOMER PILOT DEVICE

AT CONNECTIONS

- FA-FB-FC = 100% TAP
- 2A-2B-2C = 65% TAP
- OA-OB-OC = 0% TAP

FOR GEA GROUNDING
ORDER KIT NUMBER FROM THE FOLLOWING TABLE:

CONDUIT SIZE	KIT NUMBER
3/4" IN CONDUIT	55-614252001
1" IN CONDUIT	55-614252002
1 1/4" IN CONDUIT	55-614252004
1 1/2" IN CONDUIT	55-614252006
2" IN CONDUIT	55-614252008
2 1/2" IN CONDUIT	55-614252007
3" IN CONDUIT	55-614252006
3 1/2" IN CONDUIT	55-614252009

GE imagination at work

WIRING DIAGRAM
RVAT (CR331G)

DWG NO.	DATE	REV
55-682522	10/14/2009	3

AN #	THIRD ANGLE PROJECTION	SHEET #
09-1012		1 OF 1