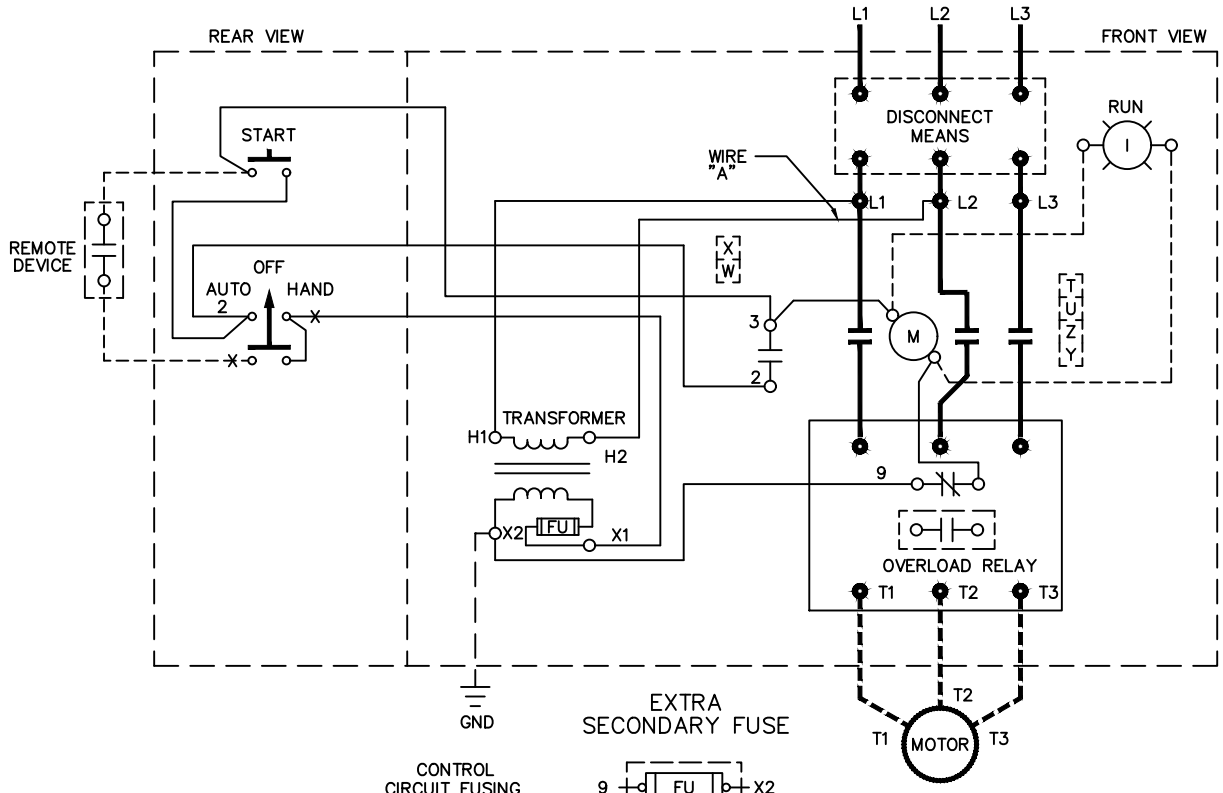
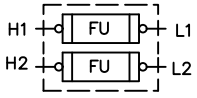
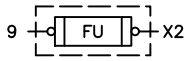


CONTROL CIRCUIT FUSING





–NOMENCLATURE–
M–LINE CONTACTOR
OL–OVERLOAD RELAY
I–INDICATING LIGHTS
X–INDICATES CONTACT CLOSED
FU–FUSE

		SIZE 2		SIZE 3		SIZE 4	
		LINE	LOAD	LINE	LOAD	LINE	LOAD
USE 75°C COPPER CONDUCTORS ONLY, FOR FIELD WIRING. TORQUE LINE AND LOAD TERMINALS AS SHOWN AT RIGHT:	CR306	50 LB–IN	50 LB–IN	50 LB–IN	50 LB–IN	150 LB–IN	200 LB–IN
	CR307	AS MARKED	50 LB–IN	AS MARKED	50 LB–IN	AS MARKED	200 LB–IN
	CR308	50 LB–IN	50 LB–IN	50 LB–IN	50 LB–IN	150 LB–IN	200 LB–IN
	CR387	AS MARKED	50 LB–IN	AS MARKED	50 LB–IN	AS MARKED	200 LB–IN

NOTE: ADDITIONAL OVER–CURRENT PROTECTION MAY BE REQUIRED. REFER TO THE NATIONAL ELECTRICAL CODE OR LOCAL ELECTRICAL CODE AS REQUIRED.

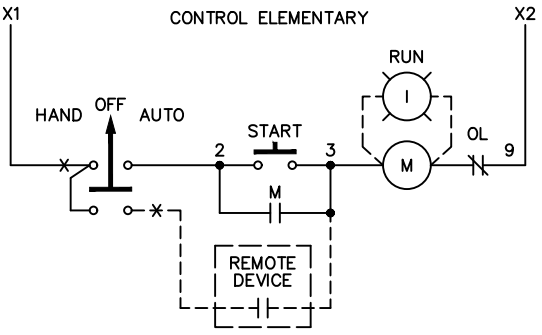
FOR 1–PHASE OPERATION USING
- SOLID STATE OVERLOAD RELAY
  SEE GEH–6430(sz 1,2) OR GEH–6431 (sz 3,4)
- THERMAL OVERLOAD RELAY
  CHANGE CONNECTION WIRE "A" FROM L2 TO L3.
  CONNECT LINE TO L1 AND L3 AND LOAD TO T1 AND T3.

FOR STARTER WITHOUT DISCONNECT MEANS–WIRE LINE DIRECT TO L1, L2 AND L3 ON STARTER.

FOR EXTRA AUXILARY CONTACTS – A MAXIMUM OF 5 CONTACTS MAY BE ADDED AT POSITIONS T,U,W,X,Y & Z.

GROUND KIT

1/2–IN CONDUIT	55–213403G001
3/4–IN CONDUIT	55–213403G002
1–IN CONDUIT	55–213403G003
1 1/4–IN CONDUIT	55–213403G004
1 1/2–IN CONDUIT	55–213403G005
2–IN CONDUIT	55–213403G006
2 1/2–IN CONDUIT	55–213403G007
3–IN CONDUIT	55–213403G008



ABB

WIRING DIAGRAM
FVNR SIZE 2, 3 & 4

THIRD ANGLE	SHEET#	DWG NO.	DATE	REV
	1 of 1	55-205684	02/21	07