

**NOMENCLATURE**

- M—LINE CONTACTOR
- OL—OVERLOAD RELAY
- FCC—FUSED CONTROL CIRCUIT
- I—INDICATING LIGHT
- D—PILOT DEVICE
- FU—FUSE
- X—INDICATES CONTACT CLOSED

NOTE: FOR STARTER WITHOUT DISCONNECT MEANS, OMIT WIRING FROM CIRCUIT BREAKER OR DISCONNECT SWITCH TO STARTER AND WIRE LINE DIRECT TO L1, L2 AND L3 OF STARTER.

USE 75°C COPPER		LINE	LOAD
CONDUCTORS ONLY, FOR	CR306	20 LB-IN	20 LB-IN
FIELD WIRING. TORQUE	CR307	AS MARKED	20 LB-IN
LINE AND LOAD TERMINALS	CR308	35 LB-IN	20 LB-IN
AS MARKED OR AS SHOWN	CR387	AS MARKED	20 LB-IN
AT RIGHT:			

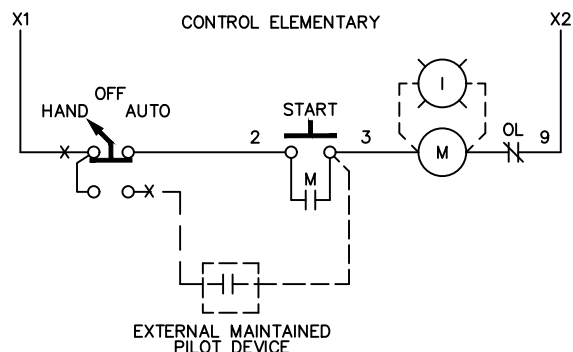
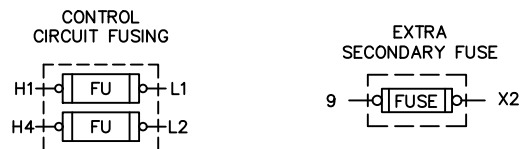
**GROUND KIT**

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

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.



**ABB**

**WIRING DIAGRAM  
FVNR SIZE 00, 0 & 1**

THIRD ANGLE	SHEET#	DWG NO.	DATE	REV
	1 of 1	55-193614	02/21	10