

-NOMENCLATURE-

- 1M,2M-CONTACTORS
- OL-OVERLOAD RELAY
- I-INDICATING LIGHT
- FU-FUSE
- X-INDICATES CONTACT CLOSED

ALTERNATIVE LEGENDS FOR FAST AND SLOW ARE HIGH AND LOW.

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

FOR EXTRA AUXILIARY CONTACTS- A MAXIMUM OF 4 CONTACTS MAY BE ADDED AT POSITIONS W,X,Y & Z.

FOR CONTROLLER WITHOUT DISCONNECT MEANS-WIRE LINE DIRECT TO L1, L2 AND L3 ON CONTROLLER.

SEL. SW. IS WIRED PER TABLE "B". FOR A CONSTANT HP MOTOR, INTERCHANGE WIRES 3 & 5 TO WIRE PER TABLE "A".

FOR SEPARATE CONTROL SOURCE-REMOVE WIRES "A" & "B" AND CONNECT SEPARATE CONTROL SOURCE TO 9 ON OL AND TO 1 ON PILOT DEVICE. WIRES "A" & "B" ARE OMITTED AT FACTORY ON ALL CONTROLLERS WITH A COIL VOLTAGE OF 120V OR LESS.

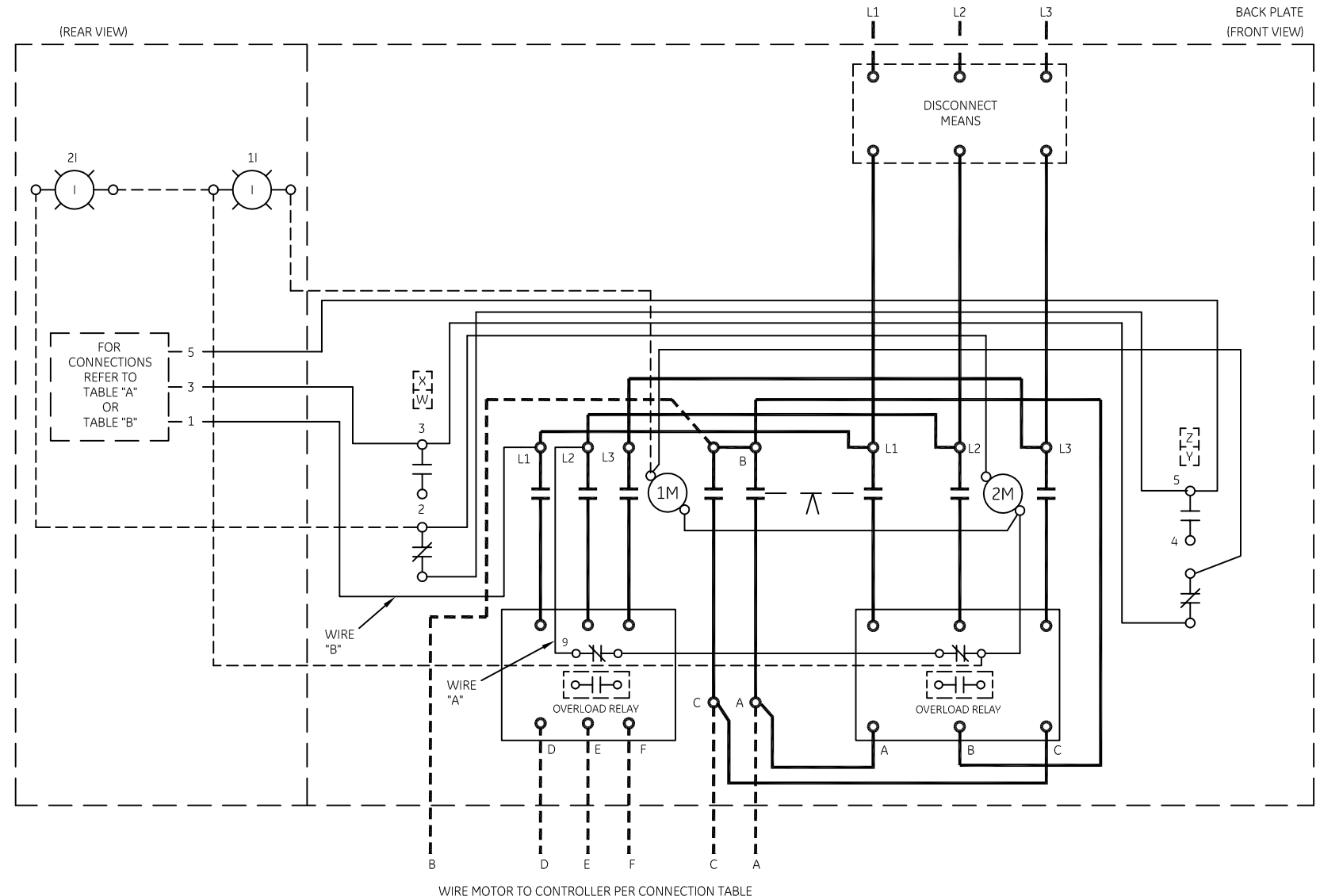
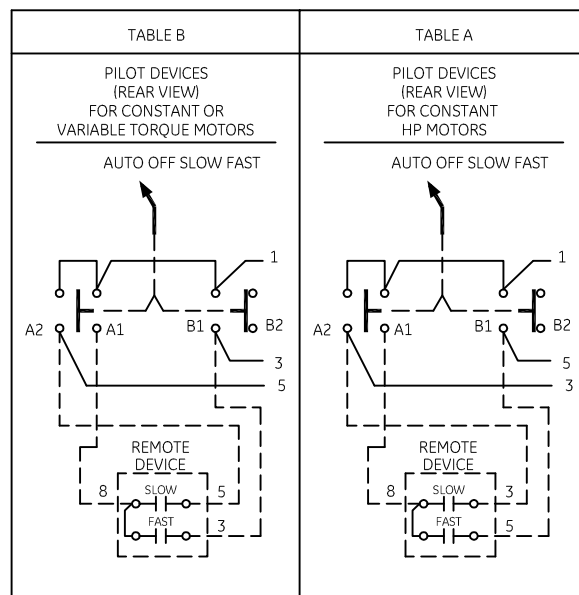
GROUND KIT

- 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

TERMINAL TIGHTENING TORQUE (LB-IN)

SIZE	LOAD SIDE		LINE SIDE		
	THERMAL OL	ELECTRONIC OL	CR309	CR310,390	CR311
2	50	20	50	AS MARKED	50
3	150	200	150	AS MARKED	50
4	200	200	200	AS MARKED	275

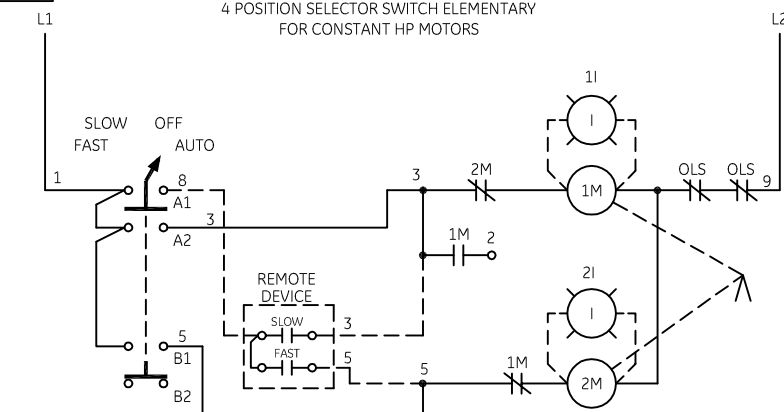
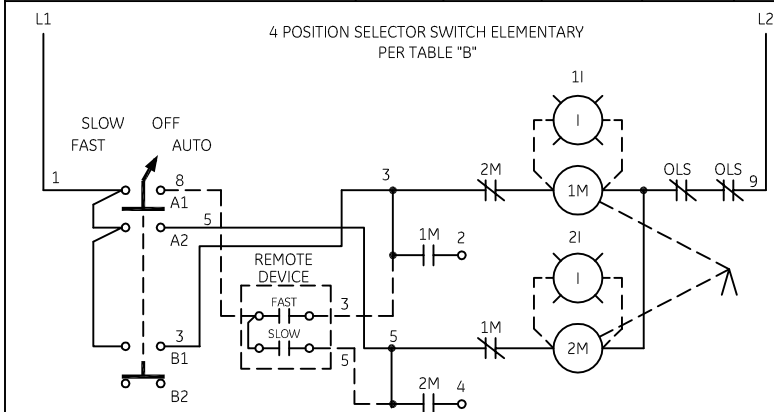
USE 75°C COPPER CONDUCTORS ONLY, FOR FIELD WIRING. TORQUE LINE AND LOAD TERMINALS AS SHOWN AT RIGHT:



WIRE MOTOR TO CONTROLLER PER CONNECTION TABLE

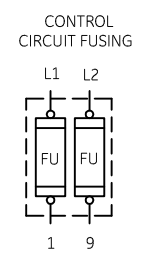
MOTOR CONNECTIONS	SPEED	L1	L2	L3	OPEN	TOGETHER
CONSTANT HP	LOW HIGH	T1 T6	T2 T4	T3 T5	T1,T2,T3	T4,T5,T6
CONSTANT TORQUE	LOW HIGH	T1 T6	T2 T4	T3 T5	T6,T4,T5	T1,T2,T3
VARIABLE TORQUE	LOW HIGH	T1 T6	T2 T4	T3 T5	T6,T4,T5	T1,T2,T3

CONNECTION TABLE	CONTROLLER TERMINALS					
	A	B	C	D	E	F
CONSTANT HP	T6	T4	T5	T1	T2	T3
CONSTANT TORQUE	T1	T2	T3	T6	T4	T5
VARIABLE TORQUE	T1	T2	T3	T6	T4	T5



SELECTOR SWITCH

CONTACT	POSITION			
	FAST	SLOW	OFF	AUTO
A1				X
A2		X		
B1	X			
B2			X	



GE imagination at work

WIRING DIAGRAM
2 SPEED - 1 WINDING SIZE 2, 3 & 4

AN #	THIRD ANGLE PROJECTION	SHEET #	DWG NO.	DATE	REV
09-9115		1 OF 1	55-532812	09/08/2009	8