

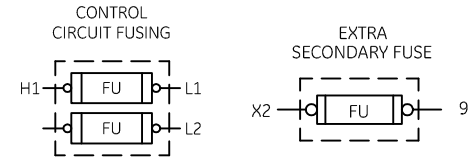
WIRE MOTOR TO CONTROLLER PER CONNECTION TABLE

- NOMENCLATURE-
- 1M,2M-CONTACTORS
 - OL-OVERLOAD RELAY
 - I-INDICATING LIGHT
 - FU-FUSE
 - X-INDICATES CONTACT CLOSED
- ALTERNATE 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 CONTACTOR WITHOUT DISCONNECT MEANS-WIRE LINE DIRECT TO L1,L2 AND L3 ON CONTACTOR.



FACTORY SUPPLIED PILOT DEVICES ARE WIRED PER TABLE "B". FOR CONSTANT HP MOTORS INTERCHANGE WIRES 3 & 5, AND 2 & 4 IF USED, WIRE PER TABLE "A".

- 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

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

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

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

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	55-536040	09/08/2009	6