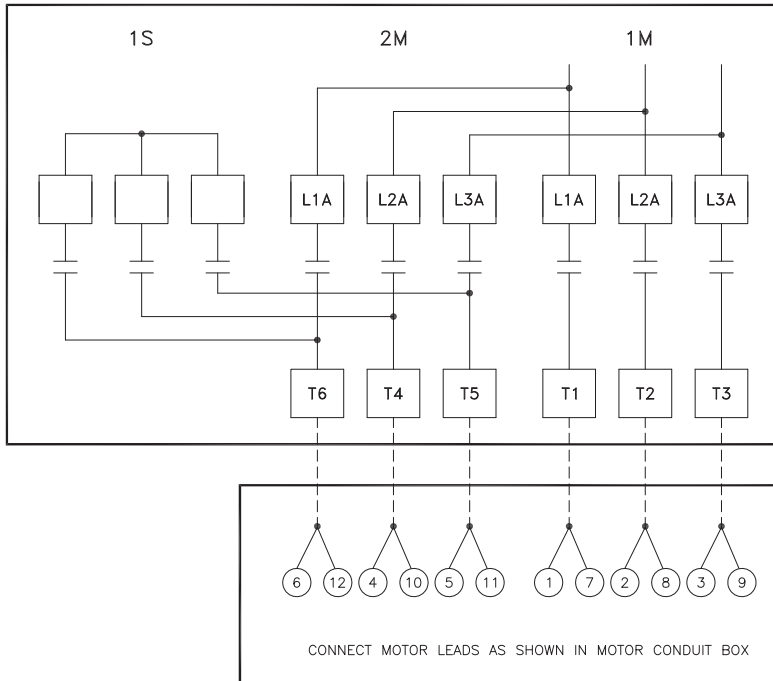


Typical Motor Connection Diagram



FTA1300 / FTA1350

Mark^{III}+ Electric Fire Pump Controllers - Wye-Delta Starting (12-Lead Motors)



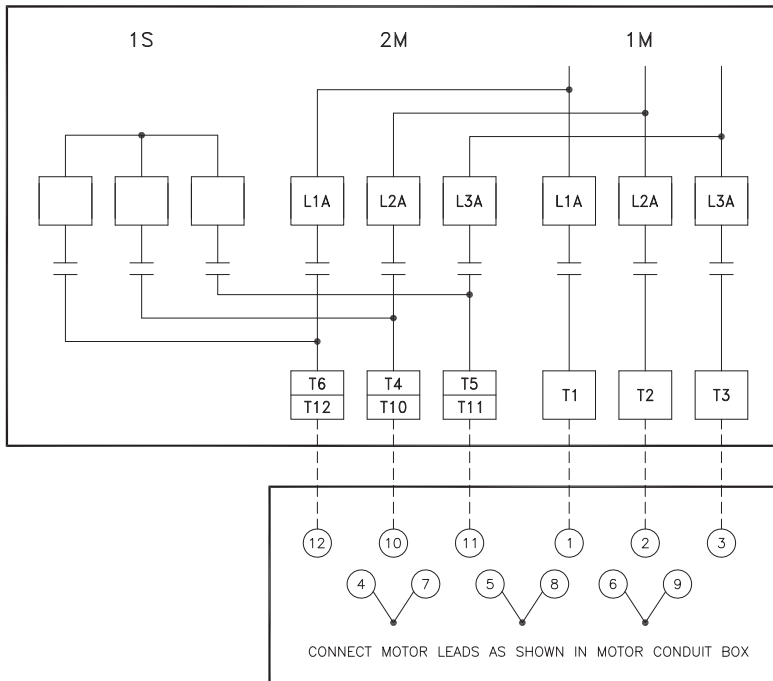
FOR SINGLE VOLTAGE 12-LEAD WYE-DELTA MOTORS

- OR -

FOR DUAL VOLTAGE WYE-DELTA MOTORS CONNECTED TO OPERATE ON THE **LOWER** OF THE TWO VOLTAGES
200-208 FOR 200/400V RATED MOTORS
OR 220-240 FOR 230/460V RATED MOTORS.

SIX (6) WIRES REQUIRED BETWEEN MOTOR AND CONTROLLER.

IMPORTANT:
THIS DRAWING IS FOR GENERAL INFORMATION ONLY. REFER TO MOTOR CONNECTION DIAGRAM FOR SPECIFIC WIRING ARRANGEMENT.



FOR DUAL VOLTAGE WYE-DELTA MOTORS CONNECTED TO OPERATE ON THE **HIGHER** OF THE TWO VOLTAGES
440-480 FOR 230/460V RATED MOTORS
OR 380-415 FOR 200/400V RATED MOTORS.

SIX (6) WIRES REQUIRED BETWEEN MOTOR AND CONTROLLER.

NOTES:

- THREE (3) LEAD AND NINE (9) LEAD MOTORS **CANNOT** BE USED FOR WYE-DELTA STARTING.
- TWELVE (12) LEAD PART WINDING MOTORS **CANNOT** BE USED FOR WYE-DELTA STARTING AT 240/230V.

	SIZE A	BY	DATE
	DRAWN BY	JMW	09-12-95
	FINAL APPROVAL	TEF	09-12-95



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UPDATED TITLE BLOCK		B	280820	JMW	TEF	09-12-19
ADDED SINGLE VOLTAGE, 12 LEAD, Y-D MOTORS		A	-	TEF	TEF	11-22-00
REVISION DESCRIPTION		REV	ECN NO	BY	APP	DATE
MOTOR CONNECTIONS		FTA1300 / FTA1350		DRAWING NUMBER		
OPEN/CLOSED TRANSITION WYE-DELTA FIRE PUMP CONTROLLERS				NS1300-01		
DWG REV	B	ECN NO	280820	SHEET 1 OF 1		

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