



NOTES:

1. FIELD TERMINALS WILL ACCEPT COPPER WIRE ONLY
2. MOTOR TERMINATIONS VARY WIDELY BETWEEN MANUFACTURERS. PLEASE REFER TO MOTOR CONNECTION DIAGRAM ON THE MOTOR FOR VERIFICATION.
3. PROPER PHASE SEQUENCE MUST BE OBSERVED. A,B,C - L1,L2,L3 AS CONTROLLER IS PHASE SEQUENCE SENSITIVE
4. INCOMING CABLE SIZE TO BE 125% OF MOTOR FULL LOAD CURRENT. REFER TO WIRE SIZE TABLES IN NFPA 70.

MAXIMUM MOTOR HORSEPOWER	VOLTS AC					PRIMARY WIRE SIZE	
	200V	208V	220V - 240V	380V - 415V	440V - 480V	LINE TERMINAL WIRE SIZE PER PHASE	SERVICE ENTRANCE GROUND LUG WIRE SIZE
	25 HP	25 HP	30 HP	50 HP	60 HP	#14-1/0 AWG	(2) #10-1/0 AWG
40 HP	40 HP	50 HP	75 HP	100 HP	#4-3/0 AWG	(2) #10-1/0 AWG	
60 HP	75 HP	75 HP	125 HP	150 HP	#3/0-350 MCM	(2) #10-1/0 AWG	

EXTERNAL HOOKUP DIAGRAM MODEL MP300 ELECTRIC FIRE PUMP CONTROLLER	DRAWN <i>RA</i> 09-30-04	 METRON A Division of: Hubbell ICD, Inc. 4301 Cheyenne Dr., Archdale, NC 27263
	CHECK <i>SB</i> 11-05-04	
	APPD <i>M.H.</i> 11-05-04	
OPTIONS:		CH33692D
SCALE NTS		SHEET 1 OF 1