EPCT FIRE - FD/FT60 THREE PHASE FIELD CONNECTIONS

Line Terminals Connections

	Line Voltage						
	200-208	220-240	380-415	440-480	575-600	Line Lugs (QTY.) & Cable Size per Ø	Service Ground Lugs (QTY.) & Cable Size per Ø
Max HP	25	30	40	60	75	(1) #14 - 1/0 (CU/AL)	(1) #14 - 2/0 (CU/AL)
	40	50	75	100	100	(1) #4 - 4/0 (CU)	(1) #4 - 350MCM (CU/AL)
	75	75	150	200	200	(1) #3 - 350MCM (CU/AL)	(1) #4 - 350MCM (CU/AL)
	100	125	200	250	300	(2) 3/0 - 350MCM (CU/AL)	(2) 1/0 - 750MCM (CU/AL)
	150	200	300	400	500	(2) 250 - 350MCM (CU/AL)	(2) 1/0 - 750MCM (CU/AL)

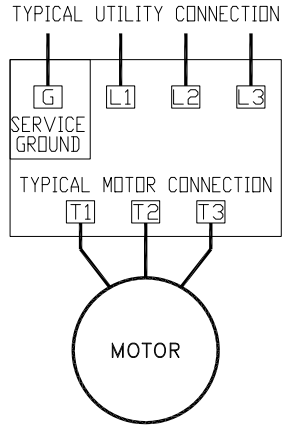
Load Terminals Connections

	Line Voltage						
	200-208	220-240	380-415	440-480	575-600	Single Run Cable Sizes	Double Run Cable Sizes
Max HP	10	10	15	20	25	#14 - #8 (CU/AL)	#14 - #8 (CU/AL)
	20	25	30	50	60	#14 - #1 (CU/AL)	#14 - #2 (CU/AL)
	40	60	75	125	100	#8 - 3/0 (CU/AL)	#8 - 2/0 (CU/AL)
	75	100	150	200	200	#2 - 750MCM (CU/AL)	1/0 - 250MCM (CU/AL)
	150	200	300	400	500	1/0 - 500MCM (CU/AL)	1/0 - 500MCM (CU/AL)

For ambient temperatures exceeding 30C (86F), the temperature rating of motor conductors is recommended to be a minimum of 90C (194F)

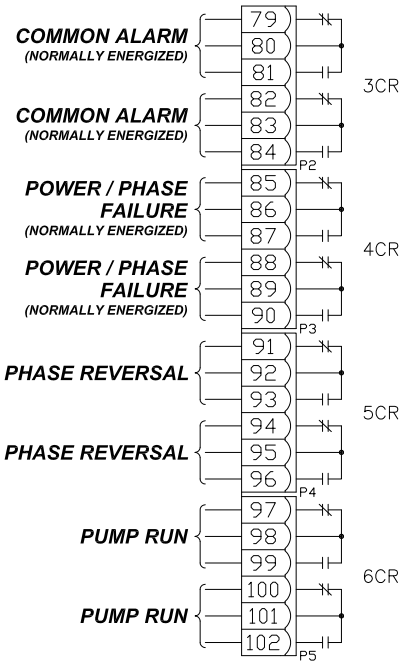
For proper cable size, refer to the National Electric Code (NEC - NFPA70)

CONTROLLER CONNECTIONS

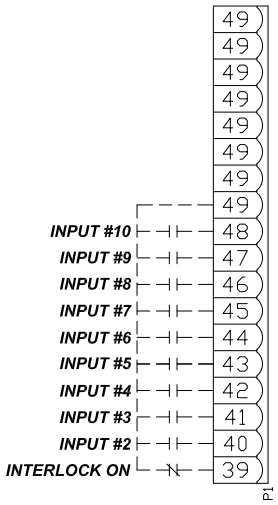


NOTES:
1. MOTOR CONNECTIONS VARY. REFER TO THE SPECIFIC MOTOR CONNECTION DIAGRAM.
2. OBSERVE PROPER PHASE ROTATION A-L1, B-L2, C-L3.
3. CABLE SIZE TO BE 125% OF FULL LOAD CURRENT. REFER TO NEC (NFPA 70)

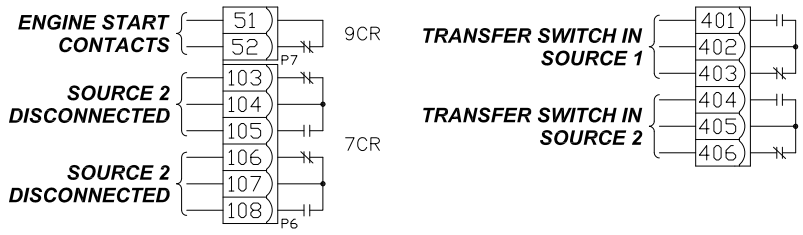
ALARM CONTACTS



CUSTOMER INPUTS



TRANSFER SWTICH CONNECTIONS (IF EQUIPPED)



NOTES:
1. ENGINE START CONTACTS ARE TO BE CONNECTED TO THE REMOTE START CONTACTS ON THE GENERATOR/ENGINE.
2. CONTACTS SHOWN IN A DE-ENERGIZED, NEUTRAL POSITION

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