

UL Listed full voltage motor control panel with built-in pressure transducer. Designed to automatically start and stop pump motor assemblies ranging from 1/3 to 30 hp. They are typically used in fire pump systems.



Standard Features

- Interfaces with Master fire pump controllers
- Backlit 16 character, 2 row display shows
 - PSI or BAR
 - Motor Run Hours
 - Number of starts
 - Number of starts in the last 24 hours
 - Start and Reset settings
 - Minimum run timer setting
 - Restart timer setting
 - Excessive starting alarm setting
 - Overpressure alarm and shutdown setting
- Menu navigation buttons
- 300 psi transducer and brass fittings
- NEMA type 2 gray enclosure
- Manual Motor Protector

Additional Features

- Delayed start setting
- Visual Running indication
- Visual Excessive starting alarm
- Visual Overpressure alarm and shutdown
- Visual Failure to Start alarm
- Lock settings jumper
- Input for DMD start contacts

Modification Codes

- | | |
|---|--|
| AUD Audible alarm with silence switch | H2 Space heater and thermostat (includes 50 va transformer) |
| A1 Pump run contacts (one NO and one NC) | H3 Space heater and humidistat (includes 50 va transformer) |
| A2 Pump run contacts (two NO and two NC) | L1 Pump Running LED pilot light |
| A3 Power failure contacts (one NO and one NC) | L2 Power On LED pilot light |
| A4 Power failure contacts (one NO and one NC) | L5 Failure to Start LED pilot light |
| C1 Circuit breaker, 18 kA at 240, 14 kA at 600 | MP MMP closed contact (one NC) |
| DMD Demand relay contacts (one NO and NC) | PM Phase failure monitor |
| ESR Excessive Start contacts (one NO and on NC, add A for light) | R1 Additional control relay |
| E3R NEMA type 3R, raintight enclosure | RA External overload reset |
| E12 NEMA type 12, dusttight enclosure | S1 Service entrance rating |
| E4 NEMA type 4, watertight enclosure | SOA Switch Off contact (one NO) |
| E4XB NEMA type 4X, 304 SS, watertight enclosure | T1 Additional timing relay |
| E4XC NEMA type 4X, 316 SS, watertight enclosure | TR Trouble contacts (one NO and one NC, add A for light) |
| F1 Failure to start contacts (one NO and one NC) | W1 316 SS wetted parts |
| H1 Space heater (includes 50 va transformer) | W7 500 psi pressurized wet parts |

Model Number Construction

Basic Model	Horsepower	Phase	Voltage		Modifications
PMCE	1/3-30 (Max HP varies with voltage)	1	11=115 (1ph)	39=380/60	AUD, A1, A2, A3, A4, C1, DMD, ESR, ESRA, E3R, E12, E4, E4XB, E4XC, F1, H1, H2, H3, L1, L2, L5, MP, PM, R1, RA, S1, SOA, T1, TR, TRA, W1, W7
		3	20=200-208	40=400/50	
			22=220/50	41=415/50	
			23=230 (1 or 3ph)	46=460	
			38=380/50	57=575	

Shipping Information

Shipping carton measures 28-1/2 inches (724 mm) x 17-1/2 inches (445 mm) x 12 inches (305 mm).
The average packed controller weighs 40 lbs (18.2 kg).