MASTER

Model PMCV Pressure Maintanence Controller

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Variable speed motor controller with built-in pressure transducer. Designed to automatically start and stop jockey pumps to smoothly maintain the water pressure in fire sprinkler systems. They range from 1/3 to 5 horsepower and from 200 to 480 VAC.

Standard Features

- Variable Frequency Drive
- Pressure display
- Pump running indication
- Power on indication
- Adjustable Minimum Run Time
- NEMA 2 rated enclosure with a drip lip
- Line fuses provided on all phases
- 300 psi pressure transducer
- External brass pressure connection
- Machine gray finish

Optional Features

1 - CONTROL POWER TRANSFORMER - reduces control voltage to 120VAC for optional features

3 - SPARE LINE FUSES - provides an extra set of line fuses. One additional fuse for each phase..

Modification Codes

A1 -	One N.O. and one N.C. pump running contact
A2 -	Two N.O. and two N.C. pump running contacts
A3 -	One N.O. and one N.C. power failure contact
A4 -	Two N.O. and two N.C. power failure contacts
E12 -	NEMA 12 dusttight, driptight enclosure
E3R -	NEMA 3R raintight weatherproof enclosure
E4 -	NEMA 4 watertight enclosure
E4XA -	NEMA 4X corrosion resistant coating, watertight enclosure
E4XB -	NEMA 4X corrosion resistant 304 Stainless Steel watertight enclosure

F1 -	Failure to start contacts
L1 -	Pump Running pilot light
L2 -	Power On pilot light
C1 -	Circuit breaker in place of fusible disconnect (AIC: 18,000 @ 200-240VAC, 14,000 @ 440-600VAC).
H2 -	Space heater with thermostat
H3 -	Space heater with humidistat
M1 -	Run time meter
M2 -	Operation counter
S1 -	Service entrance rating
W7 -	500 psi pressurized wet parts

Ordering and Shipping Information

When ordering a MASTER pump motor controller, be sure to specify the following to ensure prompt order entry and delivery: Complete model number, 3-phase motor horsepower, Single or three phase input voltage and frequency, Motor full load current, Motor Service Factor, Motor RPM (if possible), Controller options, and Special modifications.

Shipping carton measures 28 inches (71.1 cm) x 18 inches (45.7 cm) x 12 inches (30.5 cm) and the average packed controller weighs 40 pounds (18.2 kg)

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