



**MARK<sup>III+</sup> Variable Speed Electric Fire Pump Controllers**

**SPECIAL ENCLOSURES**

Option	Description
---	Enclosure, NEMA Type 12 (IEC IP54), Painted Steel (Standard)

**CIRCUIT BREAKER OPTION\***

Option	Description				
	Standard Short Circuit Current Rating				
-M	200V 5-75 HP 100kA (M)	208-240V 5-100 HP 100kA (M)	380-415V 5-350 HP 100kA (M)	440-480V 5-450 HP 100kA (M)	550-600V 5-100 HP 50kA (M)
	High Short Circuit Current Rating				
-P	N/A	N/A	N/A	N/A	550-600V 5-100 HP 100kA

**ANTI-CONDENSATION SPACE HEATERS**

Option	Description
None	
-J	Space Heater, 120V Externally Powered with Circuit Breaker & Thermostat
-K	Space Heater, 120V Externally Powered with Circuit Breaker & Humidistat
-M	Space Heater, 240V Externally Powered with Circuit Breaker & Thermostat
-N	Space Heater, 240V Externally Powered with Circuit Breaker & Humidistat
-JKP	Space Heater, 120V Externally Powered with Circuit Breaker, Thermostat and Humidistat in Parallel
-MNP	Space Heater, 240V Externally Powered with Circuit Breaker, Thermostat and Humidistat in Parallel

**PRESSURE TRANSDUCERS, SOLENOID VALVES, PLUMBING**

Option	Description
---	Wetted Parts including Pressure Sensor and Test Solenoid, 300 PSI (20.4 Bar) Fresh Water
-B1	Wetted Parts including Pressure Sensor and Test Solenoid, 500 PSI (34.5 Bar) Fresh Water (For Factory Calibration Purposes Only)
-C1	Wetted Parts including Pressure Sensor and Test Solenoid, 300 PSI (20.4 Bar), Sea Water
-D1	Wetted Parts including Pressure Sensor and Test Solenoid, 500 PSI (34.5 Bar), Sea Water
-SP1	Low Suction Pressure Transducer, Fresh Water, 0-300 PSI (20.4 Bar) with Visible Indication and Output Contacts
-SP2	Low Suction Pressure Transducer, Sea Water, 0-300 PSI (20.4 Bar) with Visible Indication and Output Contacts

## ALARMS

Option	Description
-AC	Extra Alarm Output Contacts, Pump Operating (2 Form-C)
-AM	Alarm Output Contacts, Fail to Start
-AV	Alarm Output Contacts, Low Pump Room Temperature
-AW	Alarm Output Contacts, Reservoir Low
-AYI	Configurable Low Suction Pressure, Visible/Output Contacts with External Digital Input
-BWI	Extra Alarm Output Contacts, Phase Failure/Phase Reversal
-BYI	Alarm Output Contacts, Overcurrent
-CTSI	Configurable Low Suction Pressure, Visible/Output Contacts with Suction Pressure Transducer
-EHI	Alarm Output Contacts, Main Relief Valve Open
-EK	Alarm Output Contacts, Flow Meter Open
-JR	Visible Indicator, Jockey Pump Operating
-JT	Alarm, Audible/Visible, Jockey Pump Trouble
-KH	Alarm Output Contacts, Common Alarm
-PI	Alarm, Audible/Visible, Built-In 120V Supervisory System (Includes Visible Supervisory Voltage Normal Indication and Audible Pump Operating, Phase Failure and Phase Reversal Indication)
-PE	Alarm Output Contacts, Low System Pressure (Pump on Demand)
-PT	Alarm, Audible/Visible, Built-In 240V Supervisory System (Includes Visible Supervisory Voltage Normal Indication and Audible Pump Operating, Phase Failure and Phase Reversal Indication)

## MISCELLANEOUS

Option	Description
-ED2	Normal Source Load Shedding with Adjustable Time Delay to Remove Non-Critical Loads Before Starting
-EL	Series Pumping Operation, High Zone Controller
-EM	Series Pumping Operation, Mid Zone Controller
-EN	Series Pumping Operation, Low Zone Controller
-MZN	Neutral Lug, Service Entrance, Non-Insulated Bonded to Enclosure
-OSP	Seismic Certification compliant to OSHPD (CA) for rigid base or wall mount only
-PK	Terminal Blocks, Extra Remote Start
-PY	Output Contacts, Motor Space Heater, Externally Powered
-S	Tropicalization
-SEI	Seismic Certification compliant to CBC 2019, IBC 2018 for rigid base or wall mount only
-USBX	Data Port, External USB
-ZPMI	Data Port, RS-485 Modbus RTU
-XCR	Export Packaging (Wooden Crating to Conform to IPPC Standards)

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