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**MARK<sup>III+</sup> Medium Voltage Electric Fire Pump Controllers**


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**SPECIAL ENCLOSURES**

Option	Description
---	Enclosure, NEMA Type 2 (IEC IP22), Painted Steel (Standard)
-E	Enclosure, NEMA Type 4 (IEC IP65), Painted Steel
-F	Enclosure, NEMA Type 4X (IEC IP66), #304 Stainless Steel, Brushed Finish
-FD	Enclosure, NEMA Type 4X (IEC IP66), #316 Stainless Steel, Brushed Finish
-FDB	Enclosure, NEMA Type 4X (IEC IP66), #316 Stainless Steel, Seam Welded, Brushed Finish
-FDP	Enclosure, NEMA Type 4X (IEC IP66), #316 Stainless Steel, Painted Finish
-FXP	Enclosure, NEMA Type 4X (IEC IP66), #304 Stainless Steel, Painted Finish
-G	Enclosure, NEMA Type 12 (IEC IP54), Painted Steel
-T	Enclosure, NEMA Type 3R (IEC IP24), Painted Steel
-U	Enclosure, NEMA Type 3 (IEC IP54), Painted Steel

**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
-AY1	Configurable Low Suction Pressure, Visible/Output Contacts with External Digital Input
-BW1	Extra Alarm Output Contacts, Phase Failure/Phase Reversal
-BY1	Alarm Output Contacts, Overcurrent
-CTSI	Configurable Low Suction Pressure, Visible/Output Contacts with Suction Pressure Transducer
-EH1	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
-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)
-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
-GZ	Rating, 50 HZ Operation
-IEC	Marking, CE with External Wet Parts (Requires NEMA Type 12 (IP54) Enclosure as Minimum)
-MZN	Neutral Lug, Service Entrance, Non-Insulated Bonded to Enclosure
-PK	Terminal Blocks, Extra Remote Start
-PY	Output Contacts, Motor Space Heater, Externally Powered
-S	Tropicalization
-USBX	Data Port, External USB
-Y55	Controller Temperature Rating, 55°C (131°F) Ambient Temperature
-ZPM1	Data Port, RS-485 Modbus RTU
-XCR	Export Packaging (Wooden Crating to Conform to IPPC Standards)

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