Options & Modifications

FTA750/976

MARK III Limited Service Electric Fire Pump Controllers - Across The Line Starting With Power Transfer Switch

SPECIAL ENCLOSURES

Option	Description
■ ---	Enclosure, NEMA Type 2 (IEC IP22), Painted Steel (Standard)
☐ -E	Enclosure, NEMA Type 4 (IEC IP66), 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

CIRCUIT BREAKER OPTION*

Option — Description

Intermediate Short Circuit Current Rating

Code	200-208V 3-5 HP	200-208V 7.5-30 HP	220-240V 3-7.5 HP	220-240V 10-30 HP	380-415V 5-10 HP	380-415V 15-30 HP	440-480V 5-15 HP	440-480V 20-30 HP	550-600V 5-20 HP	550-600V 25-30 HP
☐ E - Intermediate	N/A	100kA	N/A	100kA	N/A	65kA	N/A	65kA	N/A	25kA

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

FOAM PUMP APPLICATIONS

Option	Description
Required For Foam	
☐ -LR1	Low Foam Level External Input, Visible Indications and Alarm Contacts, Additive with Provisions for Proof Pressure Switch Connection, With Lockout and Remote Alarm Indication For Interlock On (Locked Out)
Required For Foam	
☐ -LK1	Foam Pump Application With Pressure Transducer and Run Test Solenoid Valve
☐ -LK2	Foam Pump Application With Pressure Transducer and Run Test Solenoid Valve, Stainless Steel
☐ -LK3	Foam Pump Application Without Pressure Transducer and Run Test Solenoid Valve
Optional For Foam	
☐ -DVC	Operation, Dump Valve Control

ALARMS

Option	Description
☐ -AC	Extra Alarm Output Contacts, Pump Operating (1 Form A, 1 Form B)
☐ -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
☐ -CTS1	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
☐ -KH	Alarm Output Contacts, Common Alarm
☐ -P1	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 Putput 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
☐ -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

TRANSFER SWITCH OPTIONS

Option	Description
☐ -ED1	Alternate (Emergency) Source Load Shedding with Adjustable Time Delay to Remove Non-Critical Loads Before Starting

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