
Mark IIxG Variable Speed Electric Fire Pump Controllers

SPECIAL ENCLOSURES

Option	Description
---	Enclosure, NEMA Type 12 (IEC IP54), Painted Steel (Standard)
---	Other - Enclosure (consult factory for availability)

CIRCUIT BREAKER OPTION*

Option	Description
-N	Intermediate Short Circuit Current Rating - 150,000 Amps RMS Sym
-P	High Short Circuit Current Rating - 200,000 Amps RMS Sym

* Note: Intermediate and High withstand ratings may not be available for all horsepower and voltage combinations. Consult factory for availability.

ANTI-CONDENSATION SPACE HEATERS

Option	Description
None	
-H	Space Heater, 120V Externally Powered with Circuit Breaker
-J	Space Heater, 120V Externally Powered with Circuit Breaker & Thermostat
-K	Space Heater, 120V Externally Powered with Circuit Breaker & Humidistat
-L	Space Heater, 240V Externally Powered with Circuit Breaker
-M	Space Heater, 240V Externally Powered with Circuit Breaker & Thermostat
-N	Space Heater, 240V Externally Powered with Circuit Breaker & Humidistat

PRESSURE TRANSDUCERS, SOLENOID VALVES, PLUMBING

Option	Description
---	Wetted Parts including Pressure Sensor, 300 PSI (20.4 Bar) Fresh Water (Standard)
-B	Wetted Parts including Pressure Sensor, 600 PSI (42 Bar) Fresh Water
-C	Wetted Parts including Pressure Sensor, 300 PSI (20.4 Bar), Sea Water
-D	Wetted Parts including Pressure Sensor, 500 PSI (34.5 Bar), Sea Water

ALARMS

Option	Description
-AC	Extra Alarm Output Contacts, Pump Operating (2 Form-C)
-AF	Alarm, Audible/Visible, Low Pump Room Temperature
-AG	Alarm, Audible/Visible, Reservoir Low
-AH	Alarm, Audible/Visible, Low Suction Pressure
-AM	Alarm Output Contacts, Fail to Start
-AV	Alarm Output Contacts, Low Pump Room Temperature (Requires Option -AF)
-AW	Alarm Output Contacts, Reservoir Low (Requires Option -AG)
-AY	Alarm Output Contacts, Low Suction Pressure (Requires Option -AH)
-BW	Alarm Output Contacts, Phase Failure/Phase Reversal
-BY	Alarm Output Contacts, Pump Overload
-COM	Alarm, Audible/Visible/Output Contacts, Low Suction Pressure with Manual Reset Option, Pressure Switch NOT Included (Do not use Options -AH or -AY)
-CTS	Alarm, Audible/Visible/Output Contacts, Low Suction Pressure Shutdown with Manual Reset Option and Pressure Switch (Do not use Options -AH or -AY)
-EG	Alarm Audible/Visible, Main Relief Valve Discharge
-EH	Alarm Output Contacts, Main Relief Valve Discharge (Requires Option -EG)
-EJ	Alarm Audible/Visible, Flow Meter On
-EK	Alarm Output Contacts, Flow Meter On (Requires Option -EJ)
-KH	Alarm Output Contacts, Common Alarm
-JR	Visible Indicator, Jockey Pump Operating

ALARMS Cont..

Option	Description
-JT	Alarm, Audible/Visible, Jockey Pump Trouble
-P	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
-AZ	Thermostat, Low Pump Room Temperature, Mounted and Wired
-ED	Output Contacts, Load Shed (Selectable power source and 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
-FZX	Rating, nameplate to be marked 380-400V (Use with voltage code "F" or "FZ")
-IEC	Marking, CE with External Wet Parts (Requires NEMA Type 12 (IP54) Enclosure as Minimum)
-IECI	Marking, CE with Internal Wet Parts (Requires NEMA Type 12 (IP54) Enclosure as Minimum)
-OSP	OSHPD Seismic Certification (State of California) (Requires Option -SEI)
-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
-SEI	Marking, Seismic Certified (In accordance with IBC)
-USBX	Data Port, External USB
-ZPA	Scheduled Service Message (When factory programmed or programmed by Firetrol representative during start-up)
-ZPM	Data Port, Serial Modbus RTU Over 2-wire or 4-wire RS485
-ZPN	Data Port, Serial Modbus RTU Over Ethernet TCP/IP
-XCR	Export Packaging (Wooden Crating to Conform to IPPC Standards)

TRANSFER SWITCH OPTIONS

Option	Description
-BX	Contacts for Remote Indication, Second Source Phase Failure/Phase Reversal
-EC	Extra Contacts for Remote Indication, Transfer Switch Position

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