
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 |
| -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) |

Firetrol, Inc.

3412 Apex Peakway
Apex, North Carolina 27502
P +1 919 460 5200
F +1 919 460 5250
www.firetrol.com

While every precaution has been taken to ensure accuracy and completeness herein, Firetrol, Inc. assumes no responsibility, and disclaims all liability, for damages resulting from use of this information or for any errors or omissions. Specifications and drawings are subject to change without notice. ©2019 Firetrol, Inc., All Rights Reserved.