

Firetrol®

Limited Option JockeyxG Pump Controller

FTA550F
Product Description



Description—Firetrol® FTA550F XG Jockey Pump Controllers are intended for use with fire pump systems. They are used for pressure maintenance in fire pump installations to prevent unnecessary operation of the main fire pump.

Approvals—Firetrol jockey pump controllers are listed by Underwriters’ Laboratories, Inc., in accordance with UL508A, Standard for Industrial Controls, and CSA, Standard for Industrial Control Equipment. They are built to meet or exceed the requirements of the approving authorities as well as NEMA and the latest edition NFPA 70, National Electrical Code.

Standard Features—The following are included as standard with each controller:

- NEMA Type 2/12 (IEC IP22/IP54) Polycarbonate enclosure (UL50E Construction)
- Horsepower rated motor circuit protector and starting contactor
- Suitable for use as service equipment
- HAND-OFF-AUTO selector switch
- Minimum run timer
- On-Delay timer
- Pump Restart Timer
- Control circuit transformer with 24VAC secondary
- 0-300 psi (0-20.7 bar) stainless steel solid state pressure transducer
- Overpressure indication

- Low Pressure indication
- Failed to start indication
- Main switch not in “Auto” alarm
- Pressure recording
- Event log (3000 events stored in controller memory)
- Data log (including cycle counter)
- Door mounted display/user interface featuring a 128 x 64 pixel backlit LCD Graphical Display, Membrane Type User Controller Push-buttons and LED indication for:
 - Power ON
 - Pump Running
 - Alarm
- 2 lines of user selectable display information

NOTE: FTA550F XG Jockey Pump Controllers are only available in the voltage/horsepower combinations shown below and with the options shown on the reverse side. For other combinations and options, see documentation for FTA550E series XG Jockey Pump Controllers.

VOLTAGE 3-PHASE (50/60 Hertz)		MAX HP (MCP)	Short Circuit Current Rating
-H	200-208	7.5	30kA
-A	220-240	10	30kA
-F	380-415V - WYE	15	30kA
-B	440-480V - WYE	20	30kA
-C	550-600V - WYE	20	18kA
VOLTAGE 1-PHASE (50/60 Hertz)		MAX HP (MCP)	Short Circuit Current Rating
-D	110-120 Volts	2	5kA
-T	200-208 Volts	3	5kA
-E	220-240 Volts	5	5kA

NOTE: Firetrol Brand Jockey Pump controllers DO NOT CONTAIN MERCURY filled pressure switches.

OPTIONS & MODIFICATIONS

SPECIAL ENCLOSURES

- E Enclosure, NEMA Type 4 (IP66)*
- F Enclosure, NEMA Type 4X (IP66)*
- T Enclosure, NEMA Type 3R (IP24)*

* Supplied with non-metallic enclosure

ANTI-CONDENSATION SPACE HEATERS¹

- J Space Heater, 120V Externally Powered with Circuit Breaker and Thermostat
- K Space Heater, 120V Externally Powered with Circuit Breaker and Humidistat
- M Space Heater, 240V Externally Powered with Circuit Breaker and Thermostat
- N Space Heater, 240V Externally Powered with Circuit Breaker and Humidistat

¹ Power source supplied by others

PRESSURE TRANSDUCERS

- B Wetted Parts Including Pressure Sensor, 600 PSI (42 Bar), Fresh Water
- C Wetted Parts Including Pressure Sensor, 300 PSI (21 Bar), Sea Water
- D Wetted Parts Including Pressure Sensor, 600 PSI (42 Bar), Sea Water

MISCELLANEOUS

- AC Alarm Output Contacts, Pump Operating (2 Sets)
- AM Alarm Output Contacts, Fail To Start
- AST Input Terminals, Automatic Start
- BW Alarm Output Contacts, Phase Failure/Phase Reversal

- BY Alarm Output Contacts, Pump Overload
- EF Alarm Output Contacts, Main Switch Not In Auto (1 Set)
- HV Alarm, Audible
- IECI Marking, CE With Internal Wet Parts
- KH Alarm Output Contacts, Common Alarm
- NZ Input Terminals, Shutdown Interlock
- OSP Marking, OSHPD Seismic Certification (State of California) (Requires option -SEI)
- S Tropicalization
- SEI Marking, Seismic Certified
- ZPA Scheduled Service Message
- ZPJ Data Port, Serial Modbus RTU Over 2-Wire or 4-Wire RS485

* Export Packaging available for additional cost

NOTE: For requirements not listed here (higher short circuit ratings, larger horsepower, options not listed...etc) please refer to documentation for FTA550E series Jockey Pump Controllers.

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