

Fire Pump Controllers- Full Service Electric Motor

Controllers for electric motor-driven fire pumps as listed are for alternating current squirrel-cage motors unless indicated as for slip ring motors. They are available for manual operation alone or for combined manual and automatic operation. Controllers for squirrel-cage motors are FM Approved for three phase power. They are of two types: across-the-line and reduced voltage. All model code combinations may not apply.

Model FTA2000

Model FTA2000-abcd-e Electric Motor Fire Pump Controller - High Voltage

Standard Enclosure: NEMA/UL Type 2.

Ambient Temperature Operating Range: 39°F (4°C) to 122°F (50°C)

a = Timer Option	b = Control	c = Maximum Horsepower	d = Voltage, Vac/60Hz
A – Minimum Run Timer C – Manual Start-Stop Only	L – Mark III	1500 (2300V) 2000 (3000V) 2500 (3300V) 3000 (4160V) 3500 (5500-7200V)	J – 2300 G – 3000 L – 3300 K – 4160 N – 5500 P – 6000 Q – 6300 R – 6600 M – 6900 Z – 7200

e = Modifications

Special Enclosures

T – NEMA Type 3R
E – NEMA Type 4
F – NEMA Type 4X #304 Stainless Steel
FXP – NEMA Type 4X #304 Painted Steel
FD – NEMA Type 4X #316 Stainless Steel
FDB – NEMA Type 4X #316 Brushed, Polished Stainless
FDP – NEMA Type 4X #316 Painted Steel
G – NEMA Type 12
U – NEMA Type 3

Pressure Transducers

D1 – 0-500 psi (0-34.5 bar) Sea Water
SX1 – 0-300 psi (0-20.4 bar) Fresh water, Low Suction Pressure Transducer
SX2 – 0-300 psi (0-20.4 bar) Sea water, Low Suction Pressure Transducer

Anti-Condensation Space Heaters

J – 120V w/ Thermostat
K – 120V w/ Humidistat
M – 240V w/ Thermostat
N – 240V w/ Humidistat
JKP – 120V w/ Thermostat and Humidistat in parallel
MNP – 240V w/ Thermostat and Humidistat in parallel

Alarms and Contacts

AC – Extra contacts (normally open & normally closed) for remote indication, pump operating
AM – Contacts for remote indication, pump fail to start
AV – Contacts for remote indication, low pump room temperature (requires option AG)
AW – Alarm Output Contacts, reservoir low (requires option AF)
AY1 – Configurable low suction pressure, visible/output contacts with external digital input
BW2 – 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, visible/output contacts, main relief valve open
EK – Flow meter open visible alarm and contacts for remote indication
JR – Visible jockey pump running indication

JT – Alarm, audible/visible, jockey pump trouble
 KH – Alarm Output Contacts, Common Alarm
 LY – Alarm Output Contacts, Pump on demand
 P – Built-in alarm system (Includes visible supervisory voltage normal indication and audible pump operating, phase failure and phase reversal indication)
 PT – Built-in alarm system, 220 VAC supervisory power (Includes visible supervisory voltage normal indication and audible pump operating, phase failure and phase reversal indication)

Miscellaneous

EL – High zone pump control function
 EM – Medium zone pump control function
 EN – Low zone pump control function
 IEC – CE Marking with Externally Mounted Wet Parts
 MZN – Neutral Lug, Service entrance, Non-insulated bonded to enclosure
 PK – Terminal blocks, Extra remote start
 PY – Motor space heater output contact
 S – Tropicalization
 USBX – Data port, External USB Port
 ZPM1 – Data port, RS485 Modbus RTU

Company Name:	Firetrol Inc
Company Address:	3412 Apex Peakway, Apex, North Carolina 27502, USA
Company Website:	http://firetrol.com
New/Updated Product Listing:	No
Listing Country:	United States of America
Certification Type:	FM Approved
Class of Work:	1321-Fire Pump Ctrls, ElecMtr