

Fire Pump Controllers-Diesel Engines

Controllers provide an automatic means for starting internal combustion engine-driven fire pump units. These controllers are designed for dual battery operation.

Model FTA1100

Model FTA1100-abcd-e Diesel Engine Fire Pump Controller

Standard Enclosure: NEMA/UL Type 2.

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

a = Control	b = Battery Type	c = Voltage	d = System Ground
J - Mark III	L - Acid N - Nickel Cadmium	12 - 24 VDC 24 - 24 VDC	N - Negative Ground
e = Modifications			

Special Enclosures

T - NEMA Type 3R
E - NEMA Type 4
F - NEMA Type 4X #304 Painted 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

Mounting Legs

N31 - Standard 12" Mounting Legs
N32 - Base Mounting Legs 6"

Pressure Transducers

B - 0-500 psi (0-34.4 bar) Fresh Water
C - 0-300 psi (0-21.1 bar) Corrosive Service
D - 0-500 psi (0-34.4 bar) Corrosive Service

Anti-Condensation Space Heaters

H - 120V
J - 120V w/Thermostat
K - 120V w/Humidistat
L - 240V
M - 240 V w/Thermostat
N - 240V w/Humidistat

Alarms and Contacts

AC - Extra contacts (normally open & normally closed) for remote indication, pump operating
AJ - Contacts for remote indication, engine overspeed
AK - Contacts for remote indication, low oil pressure
AL - Contacts for remote indication, high water temperature
AM - Contacts for remote indication, engine failed to start
AN - Contacts for remote indication, battery/charger failure
AP - Contacts for remote indication, main switch in manual
AR - Contacts for remote indication, main switch in off
AS1 - Extra contacts for remote indication, main switch in auto
AT1 - Extra contacts for remote indication, pump room alarm
AV - Contacts for remote indication, low pump room temperature (requires option AG)
AW - Contacts for remote indication, reservoir low
AY1 - Configurable low suction pressure visible alarm and contacts for remote indication c/w external digital input
CPL1 - Contacts for remote indication and visible alarm, over pressure
CTS1 - Configurable low suction pressure visible alarm and contacts for remote indication c/w suction pressure transducer
EE - Additional contacts for remote indication, engine trouble - 1 set provided as standard
EF - Additional contacts for remote indication, main switch mis-set - 1 set provided as standard
EH - Main relief valve open visible alarm and contacts for remote indication
EK - Flow meter open visible alarm and contacts for remote indication
JR - Visible jockey pump running indication
LC - Contacts for remote indication, high fuel level
LD - Visible fuel tank leak alarm
LE - Contacts for remote indication, fuel tank leak
LG - Contacts for remote indication, reservoir high
PE - Contacts for remote indication, pump on demand

Miscellaneous

BA – 220-240 Volt operation
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
S – Tropicalization
USBX – External USB Port
ZPM – 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
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