



FIRE PUMP CONTROLLER

For Diesel Driven Fire Pumps

Type LPC2011



Model EFP/LPC2011 Diesel Engine Fire Pump Controller is suitable for operating a diesel engine fitted with twin engine start battery system, connected negative to earth.

The controller will incorporate twin fully automatic battery chargers to ensure that the engine batteries are fully charged within 24 hours.

Features:

- Test Start push button
- DC Isolated Lamp
- Microprocessor Board
- Delay Start Timer settable via the Microprocessor Board
- 14 Channel LED Annunciator Module
- Remote Open to Start Input
- AC/DC isolator
- Pressure Switch Input
- Hours Run Counter
- Battery selector switch
- Battery 1 & 2 Ammeter
- Engine Test Start Pushbutton
- Emergency Start Pushbutton c/w cover
- Isolated Output for Engine Mounted Tachometer
- Removable cable gland plate
- Manual charge from flat battery charge facility (172A/Hr)

Standard Visual Indications

AC/CHARGER FAIL - visual/audible alarm
BATTERY 1 HEALTHY - visual/audible alarm
BATTERY 2 HEALTHY - visual/audible alarm
LOW JACKET WATER TEMP - visual/audible alarm
ENGINE RUNNING - visual
FAILED TO START - visual/audible alarm

BATTERY 1 BOOST - visual
BATTERY 2 BOOST - visual
PUMP ON DEMAND - visual
OPERATE TEST START - visual
LOW OIL PRESSURE - visual/audible alarm
HIGH WATER TEMPERATURE - visual/audible alarm
LOW FUEL LEVEL - visual/audible alarm



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Volt free change over contacts to permit the following functions to be monitored remotely:

ENGINE RUNNING

SYSTEM FAULT

ENGINE FAILED TO START

PUMP ON DEMAND

AUTOSTART INHIBITED

DC SUPPLY FAULT (can be replaced by 2nd ENGINE RUNNING, please specify when ordering)

Catalog Number: E-LPC2011-W/XX/Y/Z

Model: E-LPC2011-W/XX/Y/Z Diesel Engine Fire Pump Controller

Battery Voltage Vdc (W) : 12V or 24V

Enclosure Type (XX): NEMA 2 (mild steel) or NEMA 4 (mild steel) or NEMA 4X (316L stainless steel)

Charger Amperage Rating (Y): 8A

Options (Z)

*Please specify number of flywheel teeth and engine crank cut off speed when ordering

Name Plate Label:

AC Mains Supply: 110Vac to 400vAC

Phase: 1Ph or 2Ph or 3Ph+N

Frequency: 50Hz or 60Hz

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

Approvals:

EN12845

BS5306

CE



Labels & Operating Manuals are available in the following languages:

English, Dutch, Italian, Swedish, Slovakian, Czech, Hungarian, Polish, Romanian

Paint Finish:

RAL 3001 (in accordance with specification PS0396)

Cable type: Tri-Rated or LSOH



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Options

A	AC Mains Failure Start Timer
B1	Standard Generator, Speed Switch
B2	Fiat Generator, Speed Switch
C	Auto Stop Function, with Fixed or Adjustable Timer.
E1	Engine Heater, 1.5kW Maximum
G	Anti-condensation heater & thermostat
G1/2	Oil Pressure + Water Temp Gauge, Door Mounted
G3	Engine Tachometer, Door Mounted
G4	Battery Voltage Meter and Selector Switch, Door Mounted
R1	AC monitoring, Lamp and Volt Free
S	Stop Solenoid Output, Timer and Push Button, Door Mounted
T1	Mounting Lugs
T3	Plinth
Y	12 Channel Expansion Module
U1	Pressure Switch