

# Residential Fire Pump Controller Type H500

version 1.01



## Technical Datasheet

This is a PLC based electric motor driven residential and domestic fire pump controller built to the intent of EN12259-12 and BS9251. It is housed in an ABS enclosure to IP54.

### Features:

- HMI Indication of Power on
- HMI Indication of Pump Set on Demand
- HMI Indication of Pump Test Failed
- Manual Stop push button
- Manual Start push button
- Manual test start push button
- Electronic Sounder
- Incoming mains terminals
- Motor connection terminals
- Volt free contact for Motor running
- Volt free contact for Pump on demand
- Volt free contact for Common alarm
- Adjustable test cycle, via HMI
- Adjustable minimum run timer via HMI
- Motor protection fuse
- Door interlocked mains isolator
- Monitors both pressure and flow via dedicated isolated inputs
- Hours run counter
- Number of starts counter



### Options:

- SMS text module, wired to volt free inputs
- 12v valve output, energised when the motor is running
- Star-delta starting method
- Electronic soft start and stop
- Integral automatic mains transfer switch