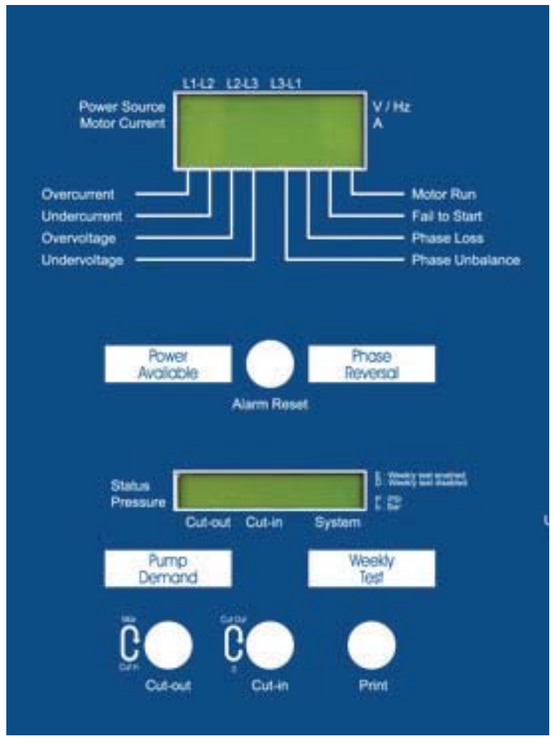
# GFY MODEL

## Reduced Voltage
## Wye Delta Open Transition Starter
## Electric Fire Pump Controller
## Micro-processor based

### ANNUNCIATOR AND LCD DISPLAY




**Voltage and amperage module provides for:**

- Phase sequence / Loss monitoring & alarms
- Individual phase-to-phase voltage indication
- Individual phase current indication
- True elapsed run time
- Motor run visual indication
- Over & under current visual indication
- Over & under voltage visual indication
- Fail to start visual indication
- Phase loss visual indication
- Phase unbalance visual indication
- Power available LED
- Phase reversal LED

**Pressure and Sequencing module provides for:**

- Cut-in & Cut-out pressure setting
- System pressure indication
- Run period timer
- Sequential start timer
- Weekly test programming
- Pressure & event recording
- Pump on demand LED
- Weekly test LED
- USB (slave) communication port

**HOW TO ORDER:** **GFY -** V / kW / Ph / Hz **+** options

Ex.: **GFY -** 400 / 55 / 3 / 50 **+** options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Subject to modification without notice


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NFPA MEMBER 10-11

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The model GFY reduced voltage wye delta open transition fire pump controller built in compliance to the NFPA 20 provides for:

- Reduction of inrush current to 33% of normal in the wye connection.This type of controller is meant to be used where the capacity of the electric power source does not permit full voltage across-the-line starting.

- The open transition switchover from the wye to the delta (across-the-line) connection can result in a momentary peak current of up to or above the across-the-line inrush current.

The complete assembled and wired controllers are factory tested before shipping and ready for immediate installation.

The controllers are built with only high quality, internationally recognized brand components.

**MAIN FEATURES:**

- Isolation switch and circuit breaker operated by individual door interlocked handles
- Locked rotor protection, calibrated and set at the factory
- Emergency manual start handle
- IP 55 enclosure
- Digital indication of individual phase to phase voltage and current
- 15-day pressure and 15-day event recording viewable on display or retrievable through front door mounted USB slave communication port
- Phase reversal indication
- Programmable weekly test timer
- 304 stainless steel pressure transducer (0-300 psi)
- Bottom gland plate for power and/or motor leads entrance

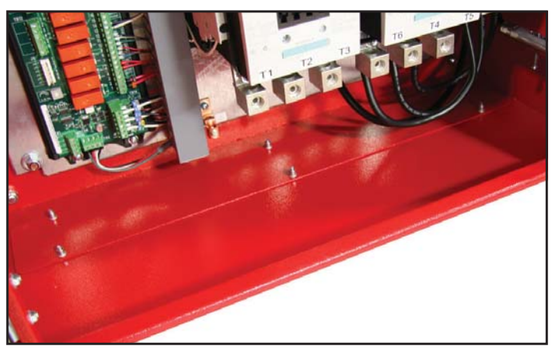
| kW | Dimensions | Shipping Weight |
|---|---|---|
| Up to 90 | 850mm high x 600mm long x 250mm wide | 70 kg |
| 110 to 250 | 1200mm high x 800mm long x 300mm wide | 113 kg |

* For other starting methods, please contact factory.

- Start push button
- Stop push button
- Digital annunciator

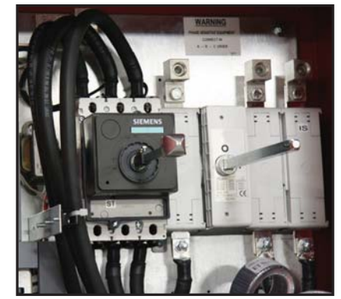
- Pressure transducer

- USB (slave) communication port

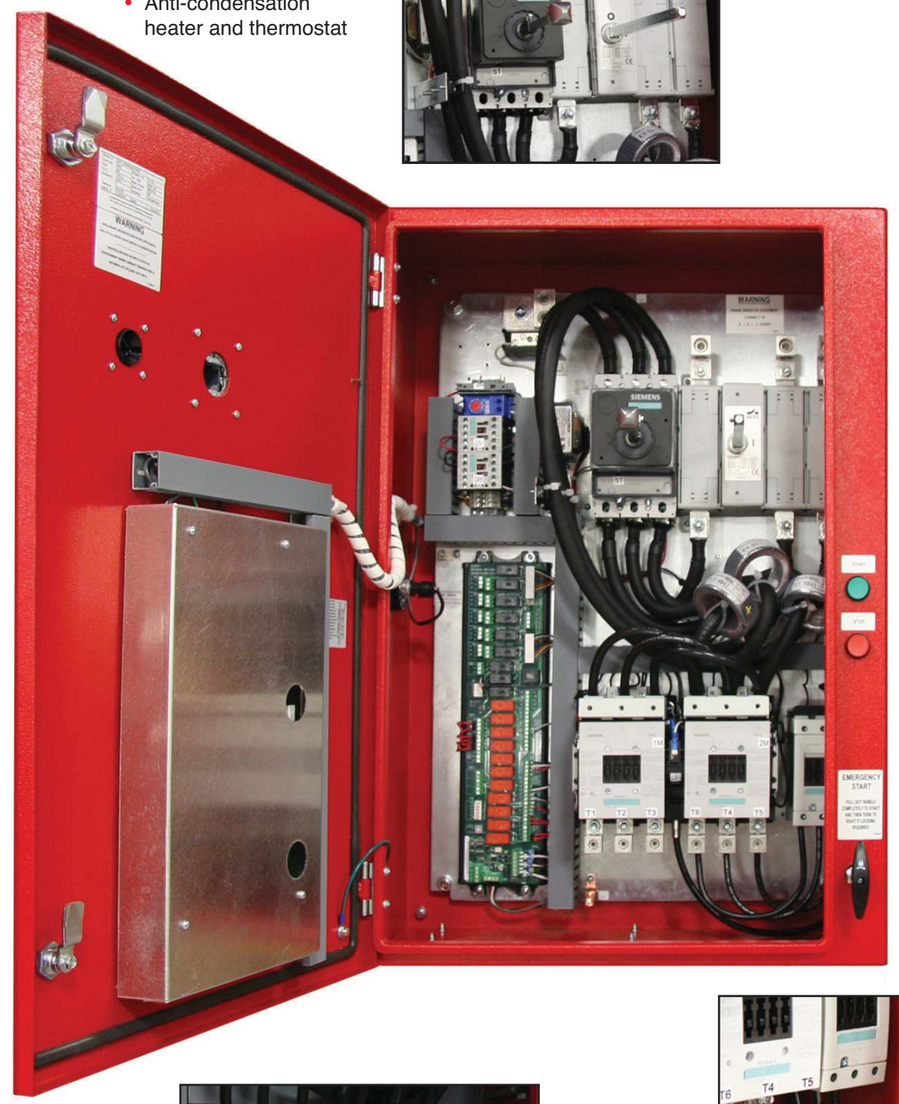


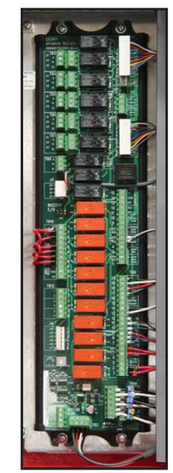
- Gland plate

- Anti-condensation heater and thermostat



- Isolating switch and circuit breaker



- Alarm contact connections

- Wye delta contactor set

- Emergency start handle