



DESIGNED TO REPLACE 3 PHASE MOTOR STARTERS IN BOTH NEW AND EXISTING LOCATIONS. THE STP-SCIII CONTROLLER PROVIDES VALUABLE PUMP PROTECTION AND PERFORMANCE FEATURES FOR AN ECONOMICAL PRICE.

FEATURE

DRY RUN PROTECTION

Detects dry run condition in empty storage tank and automatically shuts pump off. Condition is indicated by flashing red light and audible alarm. Manual reset button is depressed when tank is refilled.

BENEFIT

Significantly extends motor life by eliminating this frequent cause of premature motor failure.

FEATURE

EASY RETROFIT

The STP-SCIII is compatible with most existing 3 phase submersibles from $\frac{3}{4}$ up to 5HP (.55 to 3.7 kw).

BENEFIT

Retrofitting existing stations is as simple as replacing the existing 3 phase Motor Starter with the STP-SCIII. No additional wiring is required.

PROTECTS AND CONTROLS 3 PHASE SUBMERSIBLES UP TO 5HP

FEATURE

CONTINUOUS DIAGNOSTICS

The STP-SCIII constantly monitors the submersible for abnormal conditions that reduce motor life or cause downtime. When any of these conditions exist, the STP-SCIII will alert the service technician to the source of the problem:

- Dry Run
- Under Voltage
- Locked Rotor
- Open Circuit
- Extended Run
- Relay Fault
- Phase Loss
- Over Voltage
- Voltage/Current Unbalanced

BENEFIT

Extends motor life and reduces downtime, which results in lower operating costs.

FEATURE

EXTENDED RUN DETECTION

Automatically shuts pump off after 60 minutes of running with no pumping activity.

BENEFIT

- Since all mechanical and most electronic line leak detection systems require that the submersible pump be shut off to perform a line leak test, this feature assures the pump will shut off to enable the leak detection device the opportunity to test for line leaks.
- Indicates fault in dispenser on/off control signal to submersible.
- Extends motor life by protecting the motor from continuous running conditions that cause needless wear on motor bearings.

FEATURE

PUMP AUTO-START

Provides "on demand" automatic pump start of up to 8 submersible pumps manifolded to the same discharge line. Lead pump starts to satisfy initial demand, and additional pumps are started as demand increases.

BENEFIT

- Reduces power consumption and extends pump life by starting only the number of pumps needed to meet the current demand of open nozzles.
- Improves flow rates during busy periods by automatically starting additional pumps as needed.



SPECIFICATIONS:

- Enclosure size: 9.1"H x 7.7"W x 5.5"D (230mm x 196mm x 140mm)
- Compatible for use with 3 phase FE Petro $3/4$, $1^{1/2}$, 3, and 5 HP submersibles, and most competitive makes.
- Relay rating: 5 HP
- Relay coil amperage consumption when pump is operating:
 - STP-SCIII (208/230V) - 80mA
 - STP-SCIIC (380-415V) - 50mA
- Relay coil (hook) signal rating:
 - STP-SCIII - 120V
 - STP-SCIIC - 240V
- UL and C-UL Listed

SPECIFICATIONS:

INC

**THE LEADER IN
SUBMERSIBLE TECHNOLOGY...**

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