

SPC SINGER PUMP CONTROL PANEL

KEY FEATURES

- Simple to install and reduces field wiring costs
- Automatically interfaces pump and control valve to avoid starting and stopping surges
- Suitable for use with either in-line booster or deep well by pass pump control valves
- Control switches for easy system operational execution



For indoor use only. For outdoor applications, consult factory.

PRODUCT OVERVIEW

The SPC Pump Control Panel provides the interface between the pump motor starter and the Singer pump control valve. The SPC ensures that the pump starts and stops without causing line surges.

The SPC Pump Control Panel energizes the control valve pilot solenoid simultaneously with pump start. When pump shut-down is required the panel keeps the pump running while the pilot solenoid is de-energized. The panel turns the pump off just as the control valve completes its full stroke travel. It is equipped with delay timers and emergency fault contacts to provide the customer with local and remote indication for various operational failure conditions.

The SPC Pump Control Panel is connected to the pilot solenoid and limit switch that are standard components in the control valve pilot system. The panel is also connected to the customer supplied pump discharge pressure switch and the pump motor starter. A second limit switch and emergency shutdown solenoid are optional components for the control valve pilot system.

The logical arrangement of indicator lights with the Hand Off Automatic (HOA) selector switch provides easy supervision of the sequencing and the operating status.

The logical arrangement of Hand/Automatic selector, start, stop and emergency stop switches make the operating simple and easy to execute.

ORDERING INSTRUCTIONS

Refer to page 244 for the order form and ordering instructions.

Additionally, include the following information for this product:

- Solenoid voltage
- SPC-IDC-2LS or SPC-EC-LS configuration

TYPICAL APPLICATION

Singer Pump Control Panel
Model SPC-EC-LS as shown

Pump Motor Starter

