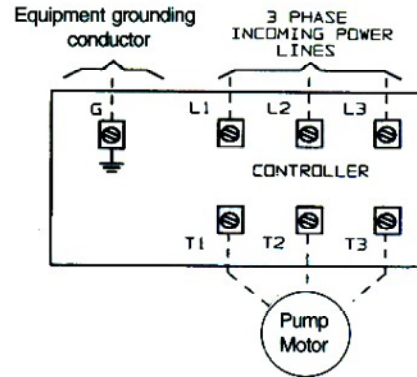
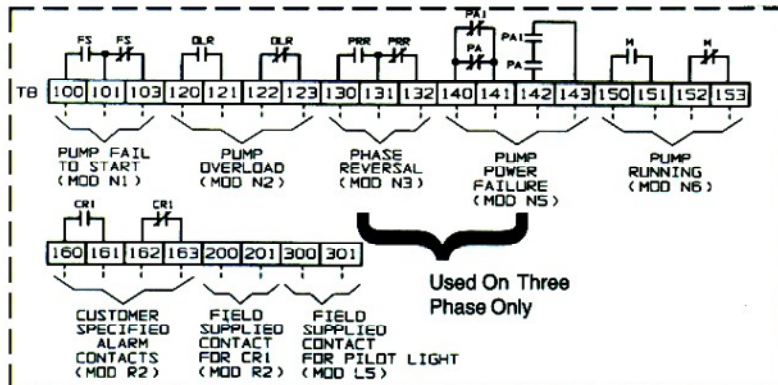
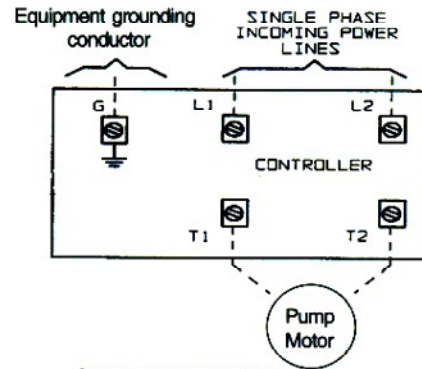


Optional Modifications



Three Phase Field Connection



Single Phase Field Connection

Joslyn Clark Controls, Inc.
 2013 West Meeting Street
 P.O. Box 945
 Lancaster, South Carolina 29721-0945 USA
 Telephone 803-286-8491 Fax 803-286-6624

SPARE PARTS

Fuses are available from your local electric supplier or through Joslyn Clark Controls - specify Hp, Voltage, 1 phase or 3 phase, and amp rating on existing fuses.

50VA Transformer Fuses (If Transformer Is Supplied)

- A22-357148-4 1/4 Primary FNQ-R-1/4 For 220-240,440-480V (2 Required)
- A22-357148-6 1/2A Primary FNQ-R-1/2 For 200-208, 380-415V (2 Required)
- A22-421644-6 1/2A Secondary (1 Required) 120V TRM 1/2

150VA Transformer Fuses (If Transformer Is Supplied)

- A22-357148-9 1 1/2A Primary (2 Required) For 200-240V
- A357148-7 3/4A Primary (2 Required) For 440-480V
- A22-421644-12 1/4A Secondary (1 Required) 120V

- 40A Disc Switch Only. No Handle A10-456270-1
- 80A Disc Switch Only. No Handle A10-456270-2
- NEMA 1 & 2 Handle & Shaft Only A10-456271-1
- NEMA 3R, 4, 4X, 12 Handle & Shaft Only A10-456271-2
- Pressure switch-diaphragm "cube" style - optional - 6-232psi A22-354574
- Pressure switch - Mercoid "round" style - standard - 0-300psi A22-282885-27

Running Period timer - A22-456304-5 (If equipped)

Contactor - get number off of existing contactor or supply Hp and voltage HP_U02-Coil Voltage Single Phase or HP_U03-Coil Voltage Three Phase. Also specify coil voltage

OPERATION AND MAINTENANCE INSTRUCTIONS

Only Qualified and Certified Electricians should service and operate this controller.

INSTALLATION AND MAINTENANCE

1) Make sure this panel is wired correctly per schematic. Make sure the power is coming from a separate source, not the main fire pump controller. The power must NEVER be supplied by the main fire pump controller. Verify that fuses are sized and seated properly in their clips. Using instructions supplied by pressure switch manufacturer, adjust the pressure switch as needed to meet consulting engineer's requirements.

OPERATION

- 1) Turn power ON with isolation switch handle or circuit breaker.
- 2) To turn pump "ON" manually, turn selector switch to "Manual". To turn pump off, turn selector switch to "OFF".
- 3) To operate the pump automatically, turn selector switch to "Auto". When pressure falls to the pressure switch low setting, the pump will start. (The jockey pump pressure switch is usually set 5-10psi higher than the main fire pump controller's low pressure switch setting.) Once the pressure reaches the pressure switch high setting, the pump will stop unless a running period timer is used. If equipped with the running period timer and the pump is started automatically, the pump will run for the time set even after the pressure switch reaches its shutoff pressure. If the timer times out before the pressure switch reaches the shutoff pressure, the pump will continue to run until the pressure switch reaches the shutoff pressure. (To adjust the pressure switch settings, use the pressure switch manufacturer's instructions supplied with each controller.)