

# Type E/F Simplex & Duplex Pump Controllers



## Simplex Pump Controllers

A single **KTA9** motor controller plus matching CA7 contactor can be combined in an enclosure as a Simplex Combination Controller for pumping applications. Additional space is provided for the customer to field addition of time clocks or float switches as required by the application. An environmentally approved thru-the-door handle provides for a required disconnect. These pump panels can be supplied with Suitable for Service Entrance (SUSE) label on demand. Type E/F pump panels are less expensive than the classic Construction Type A (Fusible) or Construction Type C (MCCB) versions shown in Section C of this catalog.

Type E/F Simplex Pump Controller Panels include:

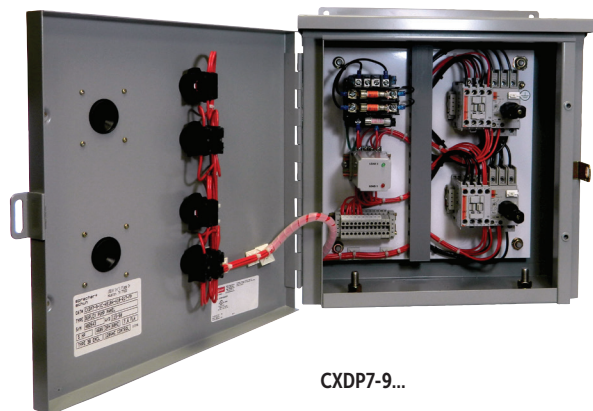
- Contactor (with AC coil)
- Type E Self-protected motor controller
- "START" Momentary Push Button
- "HOA" Selector Switch
- A minimum of 6" x 10" extra back pan space
- UL Type rated enclosure

## Duplex Pump Controllers

Two starter duplex panels can be fed from one power source or two power sources and include lead/lag control circuitry to meet customers' need in pumping and many other applications. Two environmentally approved thru-the-door handle disconnect mechanisms means no main feeder device is required and smaller and less expensive panel than a classic duplex panel as offered in Section C of this catalog. The following pages include a selection of duplex controllers and you can contact your Sprecher + Schuh representative to modify the selection.

Type E/F Duplex Pump Controller Panels include:

- (2) Contactors (AC coil) and (2) Type E/F self protected motor controllers
- (1) Electronic alternating relay
- (1) UL type rated enclosure
- Designed per alternation control diagram shown at bottom of page F4:31



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Enclosed Motor Circuit Controllers