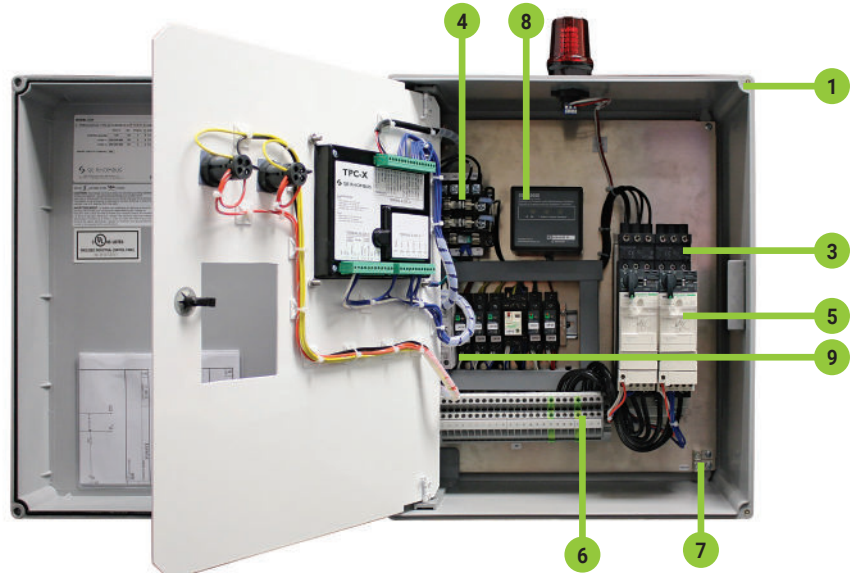


# MODEL 32XR CONTROL PANEL

Three Phase, Duplex Alternating Pump Control with Override - Simply Add the Appropriate Overload Modules



Panel layout may vary with options.

The Model 32XR control panel is designed to alternately control two three phase pumps in industrial and commercial water and sewage systems using a 4-20 mA level transmitter. In addition to transmitter control, this system will accept a high water float to activate the alarm and run both pumps. This panel also provides a redundant low level cutout, seal fail and thermal cutout for both pumps. Common applications include lift stations, pump chambers and irrigation systems.

## INNER DOOR FEATURES

Inner Door provides a degree of safety for panel operation.

- A. TPC-X controller sequences pumps on and off in response to a change in level input provided by a 4-20 mA sensor and also provides pump over temp, seal fail, pump run, pump fail, high level and low level monitoring indications
- B. Hand/Off/Auto switches for manual pump control
- C. Green Pump Run indicator lights identify pump called to run condition
- D. Inner door provides added safety for panel operation

## COMPONENTS

1. Enclosure measures 18" x 16" x 10" (45.7 x 40.6 x 25.4 cm) TYPE 4X fiberglass with mounting feet (for indoor or outdoor use)
2. Padlockable latch provides added safety (Not shown)
3. IEC HP rated motor starters perform contactor/circuit breaker function, up to 32 FLA (requires separate overload modules); provides location for field wiring of incoming power and pumps
4. Multi-tap transformer (208/230/460 VAC primary) provides 120 VAC control/alarm voltage
5. Class 10 ambient overload modules (purchased separately) provide overload-short circuit, phase failure-phase imbalance and ground fault protection (equipment protection only); accessible through inner door (two overload modules required, field installation required)
6. Terminal block provides connections for field wiring of transmitter, floats, auxiliary alarm contact, seal fail and thermal cutout for each pump
7. Ground lugs provide location for field wiring ground wires for incoming power and pumps
8. Lightning arrestor provides surge suppression with immediate indication if replacement is required
9. Power supply provides 24 VDC to TPC-X controller and backup float(s)
10. Red LED beacon provides 360 degree visual check of alarm condition
11. Alarm horn provides audible warning of alarm condition (95 decibel rating) (Not shown)
12. Test/Normal/Silence switch allows horn and light to be tested and horn to be silenced in an alarm condition; alarm automatically resets once alarm condition is cleared (Not shown)

**Note:** Schematic/Wiring Diagram and Pump Specification Label are located inside the panel.



**MODEL 32XR** - Three phase, duplex alternating pump control with override. Simply add the appropriate overload modules.

Part #	Description
1051507	32XR1W000X4A5ADEM6A8AC10AEG
Options Part #	Description
1036510	Overload Module, 3-12 FLA
1033806	Overload Module 8-32 FLA
1051382	Kit, Transmitter (SJE)/ 50 ft. MAP Float, with float bracket
1051588	Kit, Transmitter (SJE)/(2) 50 ft. MAP Floats, with float bracket
1051585	Kit, Transmitter (RAT)/(2) 50 ft. MAP Floats, with float bracket

**Note:** Each panel requires two overload modules. Field installation required.