AP12 Duplex Control Panel

Single phase, duplex smart pump control.

AP12 Duplex Control panel is designed to control two single phase pump in water and wastewater applications. It controls the level in a tank in pump-down applications (emptying) using 2 ~ 4 float switches. If the level rises to the top float switch the audible/visual alarm is activated.

Typical application include lift pump chambers, sump pump basins, holding tanks, and other water applications.

COMPONENTS

1. Polycarbonate enclosure: 254×203×102mm;
   IP66 for outdoor or indoor use;
   UV resistant, Flame retardant rating: UL94 5VA
2. Padlockable Latch
3. Integral Mounting Feet
4. HOA Switch (Hand-Off-Auto)
5. Power on indicator
6. Pump run / Pump fault indicator
7. Float status indicator
8. Overload protection, adjust range 2.5A~12.5A
9. Operating Mode Selector DIP switch
10. RJ45 port (Modbus RTU Communication - RS485)
11. Pump Thermoswitch Input Contacts
12. Alarm Relay
13. Pump Fault Relay
14. Ground Lug
15. 2-Pole Circuit Breaker pump disconnecting switch short circuit protection
16. Red LED Beacon provides 360° visual check of alarm condition
17. Alarm Horn provides audible warning of alarm condition, 82 dB
18. Alarm Test/Silence Switch

FEATURES

- Voltage supply : 100~240VAC, single phase, 50/60Hz
- Opertating temperature : -5℃ ~ 40℃
- High level alarm, Pump fault alarm
- Float switch fault detection and backup control logic
- Pump fault detection, and automatically switching
- Intelligent system fault detection, including pump clogged, shaft / impeller damage, check valve damage, pipe broken, dry run, etc
- Pump over-temperature protection
- Pump automatically test run function

SJE RHOMBUS.