

# 331 PUMP CONTROL PANEL



## OVERVIEW

The 331 Lift Station Control Panel is designed to be simple, yet versatile for all of your standard duplex application needs. One control panel covers three phase, three voltages for an unbelievable value!

“Fit and Click” the appropriate overload module into the starter and you are off and running.

## MODELS AVAILABLE

- **331SS** Stainless Steel Wall Mount NEMA 4X Enclosure
- **331FG** Fiberglass Wall Mount NEMA 4X Enclosure
- **331SS-NE** Stainless Steel Wall Mount NEMA 4X Enclosure, Amber Beacon, Alarm Breaker
- **331FG-NE** Fiberglass Wall Mount NEMA 4X Enclosure, Amber Beacon, Alarm Breaker

## OVERLOAD MODULES

- **1033805** (1.25 - 5.0 FLA)
- **1023500** (4.5 - 18.0 FLA)
- **1033806** (8.0 - 32.0 FLA)

*\*Overload modules sold separately; based on motor.*

## OPTIONAL (Customer Installed)

- Secondary surge arrestor with mounting bracket
- Pedestal (painted steel, stainless steel, and aluminum)

## SPECIFICATIONS

- Padlockable wall mount NEMA 4X enclosure
- Single-point power connection (NE models include 120V power connection for alarm circuit)
- IEC HP rated motor starter with adjustable “Fit and Click” overload modules
- 10HP max @ 208V, 240V
- 20HP max @ 480V
- Class 10 ambient compensated overload relay
- Pump short circuit disconnect/overload reset accessible through inner door
- Tri-voltage step-down control transformer
- Separate alarm/control fuses (NE models include separate breaker for circuit protection)
- Override circuit to operate lag pump if lead float fails
- Alternator relay for even run time
- Seal leak circuits for single or double probe pumps
- Red flashing alarm beacon and audible horn (NE models include an amber beacon)
- Seal leak lights
- Alarm silence/test push button
- Hand-Off-Auto selector switches
- Overtemp shutdown for motor winding temperature switches (auto reset)
- 16 AWG MTW control wire
- Color coded control wires for troubleshooting
- Lag delay timing relay
- Elapsed time meters
- Auxiliary contact
- Standard 4 float operation



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