

VIP-331 Control Panel

Three Phase Duplex Industrial Grade Float Operated Control Panel

The **VIP-331** control panel is designed to alternately control two three phase pumps in industrial and commercial water and sewage systems using the robust DPC-4F Controller for pump sequence, alternation, lag pump delay time and alarm.

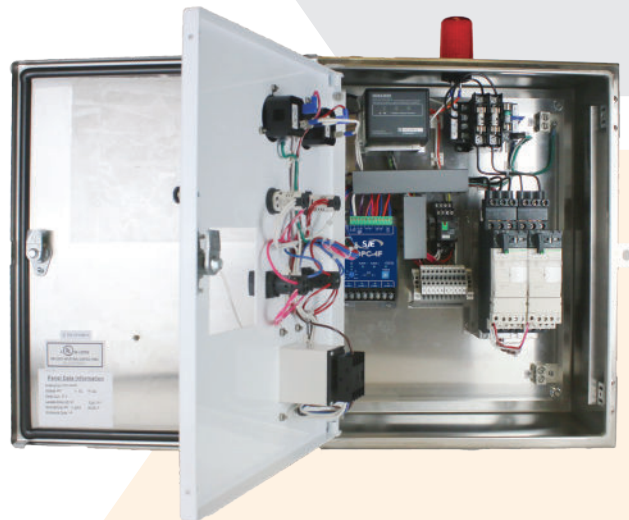
If a high water alarm condition occurs, the high water alarm float activates the audible/visual alarm system along with auxiliary contacts for remote alarm. Common applications include lift stations and pump chambers. Models available with intrinsically safe relay for extension into hazardous locations.

FEATURES

- Padlockable wall mount NEMA 4X, stainless steel or fiberglass
- White painted steel inner door and backplate
- Single-point power connection
- IEC HP rated motor starter with adjustable class 10 ambient compensated overloads
- 10 HP max @208VAC, 230VAC
- 20 HP max @460VAC
- Pump short circuit disconnect/overload reset through inner door
- Overtemp shutdown for motor winding switches (auto reset)
- DPC-4F controller
 - Pump sequence control
 - Pump selector switch (Alt, 1-2, 2-1)
 - Pump lag delay time adjustable (0-60 sec)
 - High water alarm
 - Float out-of-sequence alarm and float reassignment during event
 - Pump call (green), control power (green), float status (amber), and alarm (red) LED indicators
- Tri-voltage stepdown control transformer
- Dual Seal Fail module for two pumps, adjustable 1k-250k Ω with red LED indicators
- Red flashing alarm beacon and audible horn
- Alarm silence and push-to-test 22mm
- Hand-Off-Auto selector switches 22mm
- Pump Run (green) LED indicators 22mm
- Elapsed time meters
- Auxiliary contacts
- 4-channel intrinsically safe relay (IS models only)



Model Shown: 1059961 VIP-331SS



Toll Free: 888-342-5753
customer.service@sjeinc.com
www.csicontrols.com

VIP-331 CONTROL PANEL

Part #	Max FLA	Enclosure Type	Input Power VAC - PH	Description
1059961	32	NEMA 4X	208/230/460-3	VIP-331SS Control Panel, Stainless Steel
1059962	32	NEMA 4X	208/230/460-3	VIP-331FG Control Panel, Fiberglass
1059963	32	NEMA 4X	208/230/460-3	VIP-331SSIS Control Panel, Stainless Steel, Intrinsically Safe
1059964	32	NEMA 4X	208/230/460-3	VIP-331FGIS Control Panel, Fiberglass, Intrinsically Safe

OPTIONS

Part #	Description
1033805*	Overload Module 1.25 - 5.0 FLA
1023500*	Overload Module 4.5 - 18.0 FLA
1033806*	Overload Module 8.0 - 32.0 FLA
1036351	Surge Arrestor
---	Pedestal Option - Consult Factory

*Two overload modules required for panel operation.

SEE PRICE BOOK FOR LIST PRICE.

SPECIFICATIONS

VOLTAGE SUPPLY: 208/230/460 VAC 50/60 Hz 3Ø

ENCLOSURE: VIP-331SS: 20 x 18 x 8 inch (50.8 x 45.7 x 20.3 cm) NEMA 4X stainless steel, rated for indoor/outdoor use
VIP-331FG: 18 x 16 x 10 inch (45.7 x 40.6 x 25.4 cm) NEMA 4X fiberglass, rated for indoor/outdoor use

INNER DOOR & BACK PLATE: white painted steel

LOCKING LATCH: (2) stainless steel VIP-331SS, or thermoplastic VIP-331FG, padlockable

DPC-4F CONTROLLER: Provides pump control sequence, pump selector switch, pump lag delay timer (0-60sec), high water alarm, float out-of-sequence alarm and float reassignment, green pump call-to-run LEDs, and amber float status LEDs

FLOAT CONTROL VOLTAGE: 12 DC

MOTOR STARTER: IEC motor protection switch, IEC motor contactor with disconnect/overload reset mounted through the inner door

PUMP AMPS: 0-32 FLA each

ALARM HORN: 83-85 decibel rating

FLASHING RED LED ALARM LIGHT 360°

PUMP HAND-OFF-AUTO SWITCHES: 22mm mounted on inner door

PUMP RUN LIGHTS: green LED, 22mm mounted on inner door

ELAPSED TIME METER: mounted on inner door

DUAL SEAL FAIL MODULE: two pumps, adjustable 1k-250kΩ, red LED's mounted on inner door

AUXILIARY ALARM CONTACTS: Form C, SPDT

INTRINSICALLY SAFE MODELS:

4 channel IS relay cUL 913 Listed

Control panel cUL 698A Listed



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