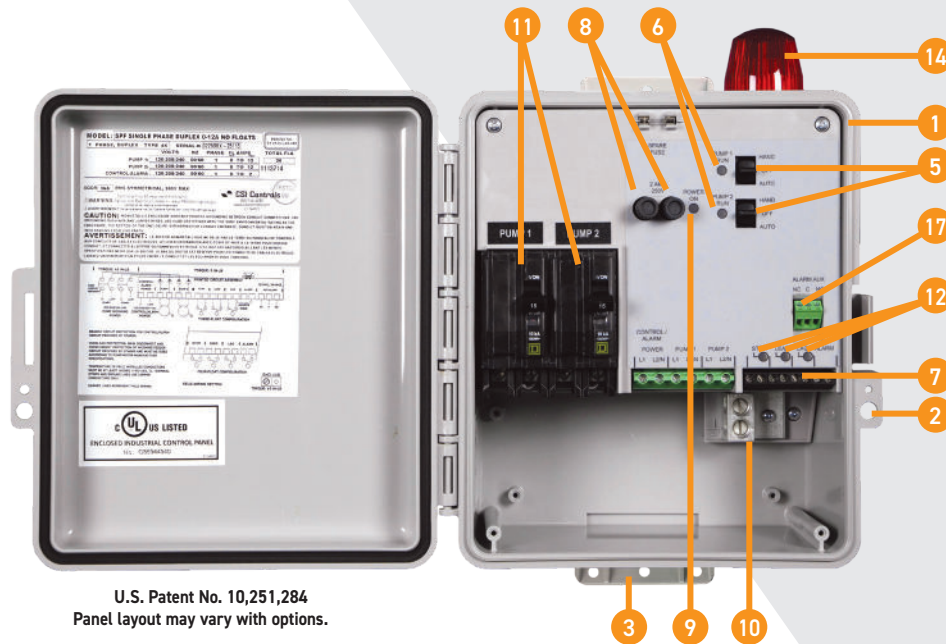


SPF Series™ Single Phase Duplex

Single Phase, Duplex Motor Alternating Pump Control with Override



U.S. Patent No. 10,251,284
Panel layout may vary with options.

The SPF Series™ duplex panel is designed to alternately control two 120, 208 or 240 VAC single phase pumps in water and sewage installations. The alternating action equalizes pump wear. In addition to the alternating pump control, this system provides override control should either pump fail. If an alarm condition occurs, an alarm switch activates the audible/visual alarm system. The compact design (10" x 8" x 4") is ideal for residential applications. Universal pump voltage and control/alarm power allow the SPF Series™ panel to handle three voltages (120/208/240V). The innovative internal design of components and integral mounting tabs make installation quick and simple. Includes integral padlockable latch for added safety.



COMPONENTS

1. Enclosure measures 10 x 8 x 4 inches (25 x 20 x 10 cm) NEMA 4X (ultraviolet stabilized thermoplastic) for indoor or outdoor use
2. Integral padlockable latch for added safety
3. Integral mounting feet for indoor or outdoor use
4. Power relays control pumps by switching electrical lines (Not shown)
5. HOA switches for manual pump control
6. Green Pump Run indicator lights
7. Field wiring terminal blocks
8. Control/Alarm fuses
9. Control/Alarm Power indicator
10. Ground lug
11. Circuit breakers provide pump disconnect and branch circuit protection
12. Float Status indicator lights (Stop, Lead and Lag float status) (Float/Control Voltage: 12 VDC)
13. Elapsed Time Meter (optional - not shown) provides individual pump run-time in hours
14. Red LED beacon provides 360° visual check of alarm condition
15. Alarm horn provides audible warning of alarm condition (85 to 90 decibel rating) (Not shown)
16. Exterior alarm Test/Silence push button switch allows horn and light to be tested and horn to be silenced in an alarm condition; alarm automatically resets once alarm condition has been cleared (Not shown)
17. Auxiliary Alarm Contacts are provided for signaling an external device (Form C, 5 amp, 120V max)



CSI Controls®

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

SPF SERIES™ SINGLE PHASE DUPLEX

Part #	Description (without Elapsed Time Meter)	Amps	Shipping Weight
1113712	SPF Series™ Duplex, 120/208/240V, (4) 20' Mechanical Control Switches	0-12	14 lbs.
1113713	SPF Series™ Duplex, 120/208/240V, (3) 20' Mechanical Control Switches	0-12	12 lbs.
1113714	SPF Series™ Duplex, 120/208/240V, No Floats	0-12	9 lbs.
1113715	SPF Series™ Duplex, 120/208/240V, (4) 20' Mechanical Control Switches	9-20	14 lbs.
1113716	SPF Series™ Duplex, 120/208/240V, (3) 20' Mechanical Control Switches	9-20	12 lbs.
1113717	SPF Series™ Duplex, 120/208/240V, No Floats	9-20	9 lbs.
Part #	Description (with Elapsed Time Meter)	Amps	Shipping Weight
1113718	SPF Series™ Duplex, 120/208/240V, with ETM, (4) 20' Mechanical Control Switches	0-12	14 lbs.
1113719	SPF Series™ Duplex, 120/208/240V, with ETM, (3) 20' Mechanical Control Switches	0-12	12 lbs.
1113720	SPF Series™ Duplex, 120/208/240V, with ETM, No Floats	0-12	9 lbs.
1113721	SPF Series™ Duplex, 120/208/240V, with ETM, (4) 20' Mechanical Control Switches	9-20	14 lbs.
1113722	SPF Series™ Duplex, 120/208/240V, with ETM, (3) 20' Mechanical Control Switches	9-20	12 lbs.
1113723	SPF Series™ Duplex, 120/208/240V, with ETM, No Floats	9-20	9 lbs.

SEE PRICE BOOK FOR LIST PRICE.

SPECIFICATIONS**VOLTAGE SUPPLY:**

PUMP: 120/208/240 VAC, 50/60 Hz

CONTROL/ALARM: 120/208/240 VAC, 50/60 Hz

ENCLOSURE: 10 x 8 x 4 inch (25 x 20 x 10 cm)

Padlockable NEMA 4X (ultraviolet stabilized thermoplastic
with integral mounting feet for outdoor or indoor use)

FLOAT CONTROL VOLTAGE: 12 VDC**PUMP AMPS:** 0-12 Amps; 9-20 Amps**AUXILIARY ALARM CONTACTS:** Form C, 5 amp, 120 VAC Max

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

California Prop 65 requires the following: WARNING Cancer and Reproductive Harm - www.P65Warnings.ca.gov