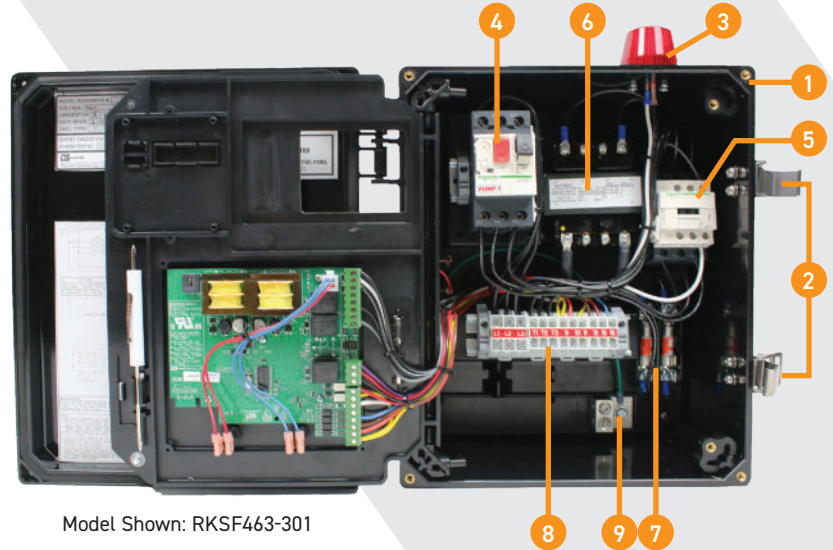
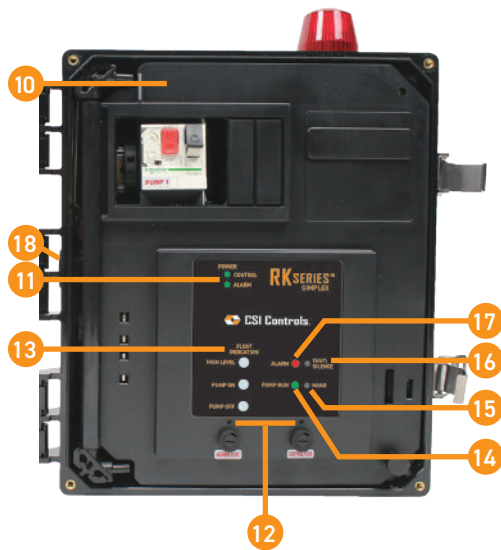


RK Series™ Three Phase Simplex Control Panel

Three Phase, Simplex Demand Float Control System for Pumping Applications



Model Shown: RKSF463-301

The RK Series™ Three Phase Simplex panel is designed to control one 208/230/460 VAC three phase pump in water and sewage installations. The protective inner door features panel operating status indicators, control buttons and provides access to the pump motor protection switch.

FEATURES

- NEMA 4X engineered thermoplastic enclosure with lockable latches
- Flashing red 360° alarm beacon with horn, includes innovative touch to silence pad.
- Float indication lights allow the user to see the status of each float and flashes should a float fail out-of-sequence.
- Pump push to run with low level protection when activated manually
- Includes easy access touch safe fuses
- Timed dose control option available or can be easily retrofitted in the field



US Patent No.
7,075,443 and 7,471,207

OPTIONS



Optional Digital Interface Board (DIB)



Optional Digital Display Center (DDC)

Display options for viewing pump elapsed time, cycle counts and timed dose control

COMPONENTS

1. NEMA 4X enclosure rated for indoor or outdoor use
2. Lockable latches for added safety
3. 360° red alarm beacon for visual alert
4. Motor protective switch provides the adjustable overload, branch circuit protection, and pump disconnect
5. IEC motor contactor controls the pump motor load by switching the electrical lines
6. Multitap transformer (208/230/460 VAC primary) provides 120 VAC control/alarm voltage
7. Primary transformer voltage fuses provides transformer short circuit protection
8. Terminal strip field wiring of incoming power, floats, and pump
9. Ground lugs
10. Molded inner door protects from high voltage, and mounting location for indicators, control buttons, and controller circuit board
11. Green LEDs provides power indication for control and alarm circuit power
12. Red LEDs provide indication when either control or alarm fuse is blown
13. Float status LEDs provide tank level indication and float out-of-sequence detection (High Level - red, Pump Start Level - yellow, Pump Stop Level - green)
14. Green Pump Run LED provides indication when pump is called to run
15. Pump Hand/Run button operates the pump manually
16. Alarm Test/Silence button
17. Red LED alarm indication for high water
18. Piezo audible alarm



CSI Controls®

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RK SERIES™ THREE PHASE SIMPLEX CONTROL PANEL

Model	FLA Range	Enclosure Type	Input Power VAC - PH	Circuit Breakers
RKSF463-001	1.0-1.6	NEMA 4X	208/230/460-3	Motor
RKSF463-101	1.6-2.5	NEMA 4X	208/230/460-3	Motor
RKSF463-201	2.5-4.0	NEMA 4X	208/230/460-3	Motor
RKSF463-301	4.0-6.3	NEMA 4X	208/230/460-3	Motor
RKSF463-401	6.0-10.0	NEMA 4X	208/230/460-3	Motor
RKSF463-511	9.0-14.0	NEMA 4X	208/230/460-3	Motor
RKSF463-611	13.0-18.0	NEMA 4X	208/230/460-3	Motor
RKSF463-621	17.0-23.0	NEMA 4X	208/230/460-3	Motor
RKSF463-701	20.0-25.0	NEMA 4X	208/230/460-3	Motor
RKSF463-801	24.0-32.0	NEMA 4X	208/230/460-3	Motor
Options	Description			
AMB	Amber beacon (red beacon is standard)			
DC	Digital Display Center (DDC) 4-character LED			
DCTD	Time Dosing DDC 4-character LED			
FC20	(3) 20 foot (6.1m) mechanical control switches / pipe clamp			
FC20CW	(3) 20 foot (6.1m) mechanical control switches / cable weight			
FR20	(3) 20 foot (6.1m) mercury control switches / pipe clamp			
FR20CW	(3) 20 foot (6.1m) mercury control switches / cable weight			
FC30	(3) 30 foot (9.1m) mechanical control switches / pipe clamp			
FC30CW	(3) 30 foot (9.1m) mechanical control switches / cable weight			
FR30	(3) 30 foot (9.1m) mercury control switches / pipe clamp			
FR30CW	(3) 30 foot (9.1m) mercury control switches / cable weight			
FC50	(3) 50 foot (15.2m) mechanical control switches / pipe clamp			
FC50CW	(3) 50 foot (15.2m) mechanical control switches / cable weight			
FR50	(3) 50 foot (15.2m) mercury control switches / pipe clamp			
FR50CW	(3) 50 foot (15.2m) mercury control switches / cable weight			
GR	Gray enclosure (black enclosure is standard)			
HS	Heat Sensor Terminals			
HTR	Anti-Condensation Heater			
IB	Digital Interface Board (DIB) 32-character LCD			
IBTD	Time Dosing DIB 32-character LCD			
LA	Lightning Arrestor			
SF	Seal Failure Indicator Light			
X	Auxiliary Alarm and Redundant Off Circuitry (control switch not included)			

SEE PRICE BOOK FOR LIST PRICE.

SPECIFICATIONS

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

ENCLOSURE: 12 x 10 x 6 inch (30.5 x 25.4 x 15.2 cm)

NEMA 4X ultraviolet stabilized thermoplastic rated for indoor/outdoor use with mounting feet

INNER DOOR: molded thermoplastic

LOCKING LATCHES (2): stainless steel, padlockable

FLOAT CONTROL VOLTAGE: 115 VAC

MOTOR STARTER: IEC motor protection switch and IEC motor contactor

PUMP AMPS: 1-32 Amps

ALARM HORN: 83-85 decibel rating

FLASHING RED LED ALARM LIGHT 360°



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