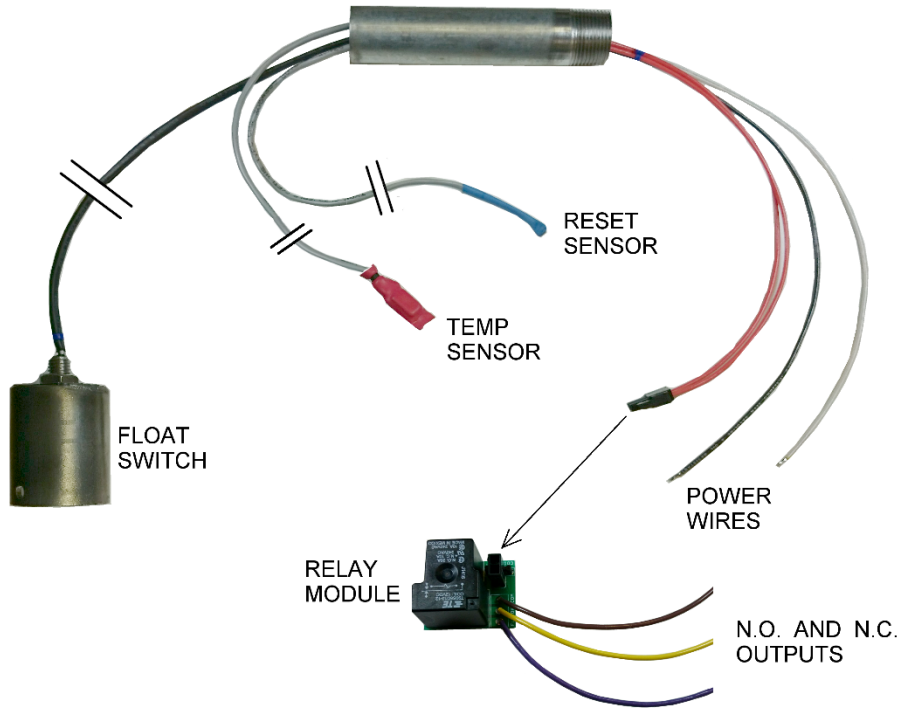


# SD1 Safety Disconnect

- The SD1 Safety Disconnect provides extra fuel site protection by automatically disconnecting power from a pump or dispenser in the event of either a leak or fire. It can also be used to drive an external light or alarm to indicate the source of a problem. Install an SD1 in each dispenser and submersible pump for maximum safety and peace of mind.

## FEATURES

- Automatically stops fueling in the event of liquid detection
- Automatically stops fueling when high temperatures are detected
- Mounts into dispenser or turbine pump sump
- Reset sensor allows manual reset after problem is corrected
- All stainless steel float switch assembly
- Mounts into existing junction box (3/4" conduit opening required)
- 1 normally closed and 1 normally open contacts. (30 amps per contact)
- Operates from 110VAC or 220VAC
- Intrinsically safe operation  
(Complies with ANSI / UL 913, Class 1, Div. 1&2, Group C and D operation)
- 2 YEAR WARRANTY



SPECIFICATIONS	
Operating Voltage:	90 VAC to 260 VAC
Operating Temperature Range:	-40 to 150 degrees F.
Current Draw:	< 0.25A @ 120 VAC
Relay Type	SPDT
Relay Current Rating	30 Amps @ 120VAC
Temperature Trigger Point	200 Degrees F
Operating Voltage:	90 VAC to 260 VAC
Operating Temperature Range:	-40 to 150 degrees F.
Current Draw:	< 0.25A @ 120 VAC



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PART NUMBERS	
Model Number:	Description:
SD1-SP-A	Safety Disconnect, Single Pole Output

For more information, please visit our website at:  
[WWW.INTCONSYS.COM](http://WWW.INTCONSYS.COM)