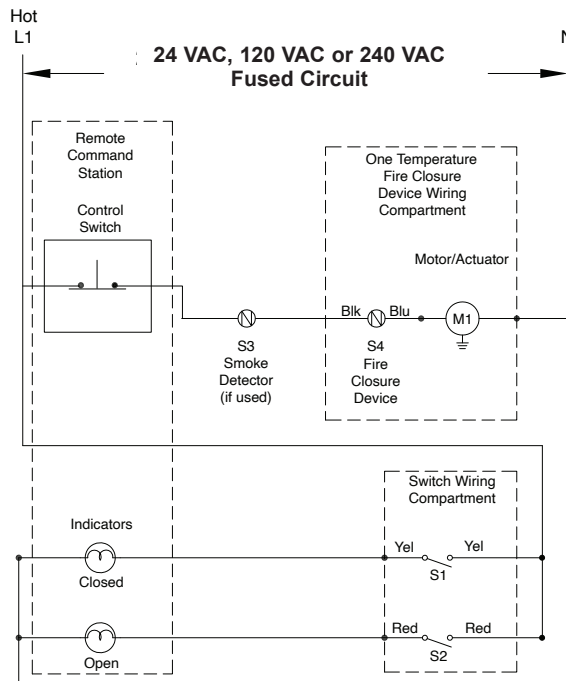


Application

The RCP-1M remote control panel device employs a momentary push button switch that permits cycle testing at the damper location for dampers installed in static or dynamic smoke control systems. The RCP-1M remote control panel is equipped so that it can be integrated with two position indicator switches to signal the full-open or full-closed position of a damper. A red indicator light signals that the damper is in the full-closed position. A green indicator light signals that the damper is fully open.

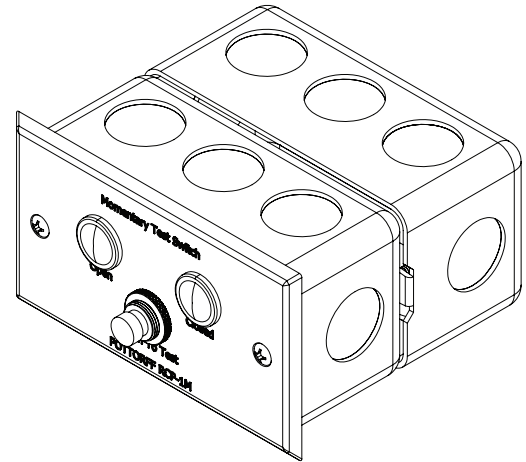
Wiring Diagram



- S1 & S2** - Damper position indicator switches.
S1 - Closes when damper is closed.
S2 - Closes when damper is open.
S3 - Smoke detector or fan interlock.
S4 - Single temperature fire closure device.

Ratings

115 VAC, 16A
250 VAC, 10A



Model RCP-1M

RCP Control Switch Function

Normal

The damper remains open except in either of the following situations:

1. The smoke detector cuts the power to the "Power-Open" motor/actuator.
2. An elevated duct temperature causes the fire closure device to cut power to the "Power-Open" motor/operator.

The damper will remain closed until the duct temperature has returned to a safe level. At that point the fire closure device can be manually reset, allowing the damper to be reopened.

Closed

The damper closes and remains closed regardless of any sensor signal.

Test

The damper closes by pushing and holding the switch button down. Upon releasing the button the damper returns to its full-open position.