

Application

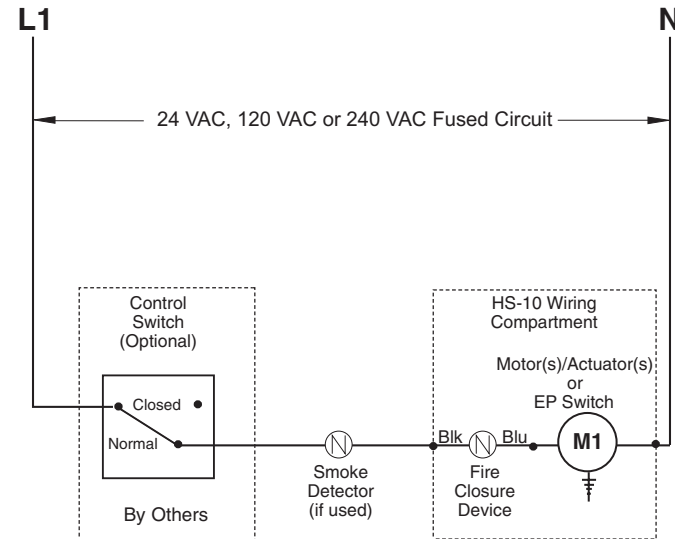
The HS-10 fire closure device employs a one-temperature, manually resettable, electric thermostat sensor to interrupt the electrical power to actuators used on fire/smoke dampers to permit the controlled closure of the dampers. The HS-10 is designed to replace the fusible link. The HS-10 allows for damper testing per all NFPA specifications. The damper will close once power is removed from the HS-10 and will automatically reopen once power is restored.

Wiring Diagram

Control Switch Function

Normal

Hot



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.

Listings

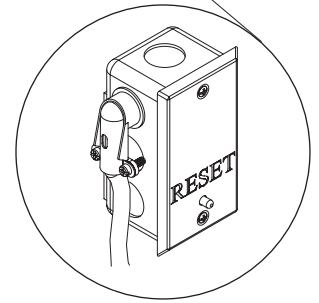
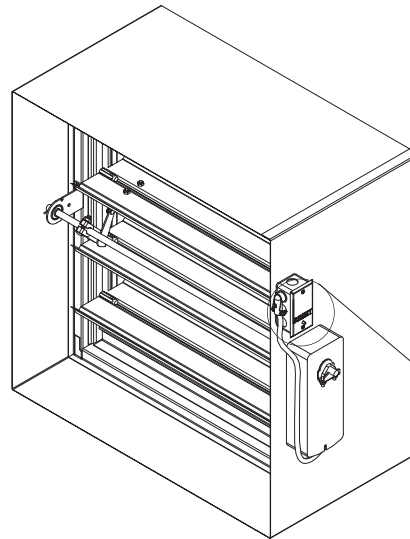
UL 555 listing: R14981

CSFM listing: 3225-1404:109, 3225-1404:105,
3225-1404:108, 3230-1404:111,
3230-1404:106, 3230-1404:107.

New York City MEA listing: 295-98-E

Meets NFPA Standards: 80, 90A, 92A, 92B, 101, and 105

Meets Building Code Standards: IBC, NBC, NFPA, SBC and UBC



Model **HS-10** external

Model **HS-10** internal

