

PRODUCT DOCUMENT

WH116 — User Manual

Conventional Fire Alarm / Suppression Maintenance Switch

1. Product description

The WH116 is a key-operated maintenance switch for conventional fire alarm system applications. It disconnects actuation circuits during maintenance operations to reduce the risk of accidental discharge.

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2. Status indication

Two LEDs indicate SYSTEM ARMED and SYSTEM INACTIVE. When the key is turned toward SYSTEM INACTIVE, the inactive indicator illuminates and the armed indicator turns off. ■cite■turn0search0■

3. Key operation

The standard configuration allows the key to be removed in SYSTEM ARMED. The HST listing also notes an alternative version where the key can be removed in both positions. ■cite■turn0search0■

4. Installation

Mount the switch securely in the intended two-gang location. The published description identifies a silk-screened two-gang stainless-steel plate. Follow the connected system's exact wiring and mounting documentation.

5. Electrical ratings

The HST listing specifies 5 A at 250 VAC, 5 A up to 30 VDC, and 10 mA per LED for 20 mA total LED current.

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6. Normal operation

During normal service, the maintenance switch should remain in the approved armed position so the protected system remains available for operation.

7. Maintenance isolation

Before servicing that could cause actuation, authorized personnel should place the switch into the approved inactive state following the system's written maintenance procedure.

8. Returning to service

After work is complete, restore SYSTEM ARMED, verify the expected indication and confirm the connected control system is normal.

9. Troubleshooting

Incorrect LED: check key position, wiring and LED circuit.

Actuation not isolated: stop work and verify the maintenance-switch wiring and release circuit under the approved procedure.

Persistent fault: inspect the switch state and connected control panel indication.

10. Safety

The WH116 is part of a life-safety/suppression system. Never bypass supervision or perform uncontrolled live-discharge tests. Maintenance and commissioning should be performed by qualified personnel.

Source note

Source: HST fire security equipment product listings for WH116. [■cite■turn0search0■turn0search2■](#)