

Application

Greenheck Test Switches (GTS-1, GTS-2, GTS-3, and GTS-4) are used in dynamic smoke management systems containing Combination Fire Smoke Dampers.



GTS-1



GTS-2

Model (Voltage)	Part Number
GTS-1 (120V)	829385
GTS-1 (24V)	843120
GTS-2 (120V)	834500
GTS-2 (24V)	843121

The GTS-1 and GTS-2 is a single control panel for use in dynamic smoke management systems to be used on combination fire smoke dampers equipped with TOR.

The GTS-1 control panel has red indicator light for closed damper, green for open damper. GTS-2 has a key switch with red indicator light for closed damper, green for open damper. The LED lights are replaceable.

The GTS-1 and GTS-2 has a three position control switch with the following options:

- **Normal position** - The combination fire smoke damper remains open until closed by elevated temperature.
- **Closed position** - The damper closes and remains closed regardless of any sensor signal.
- **Override position** - The damper opens and remains open until any limit sensor signals the damper to close.



GTS-3



GTS-4

Model (Voltage)	Part Number
GTS-3 (120V)	837641
GTS-3 (24V)	843122
GTS-4 (120V)	829807
GTS-4 (24V)	843123

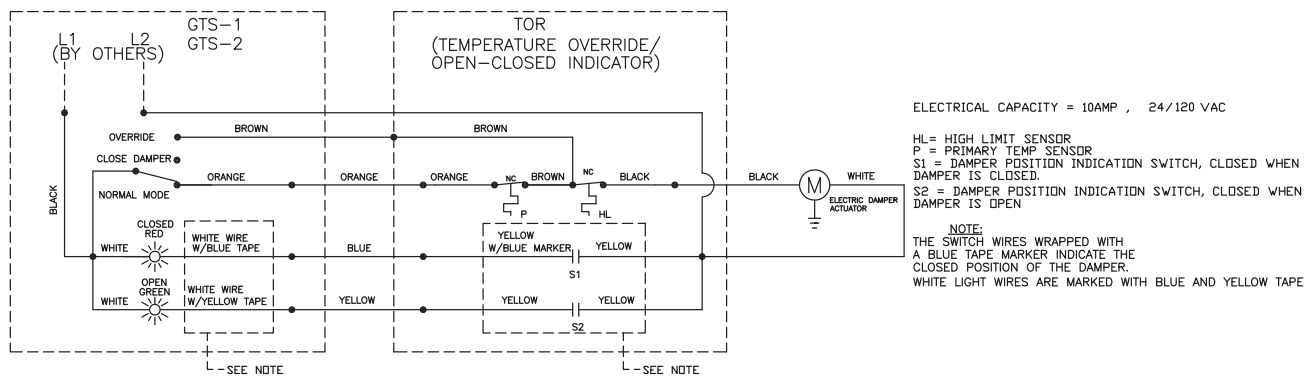
The GTS-3 is a control panel that can be used on combination fire smoke dampers with RRL/OCI, OCI or TOR. This test switch has open and close indicator lights with momentary test switch.

The GTS-4 is a control panel that can be used with combination fire smoke dampers with RRL/OCI, OCI or TOR. This test switch has open and close indicator lights.

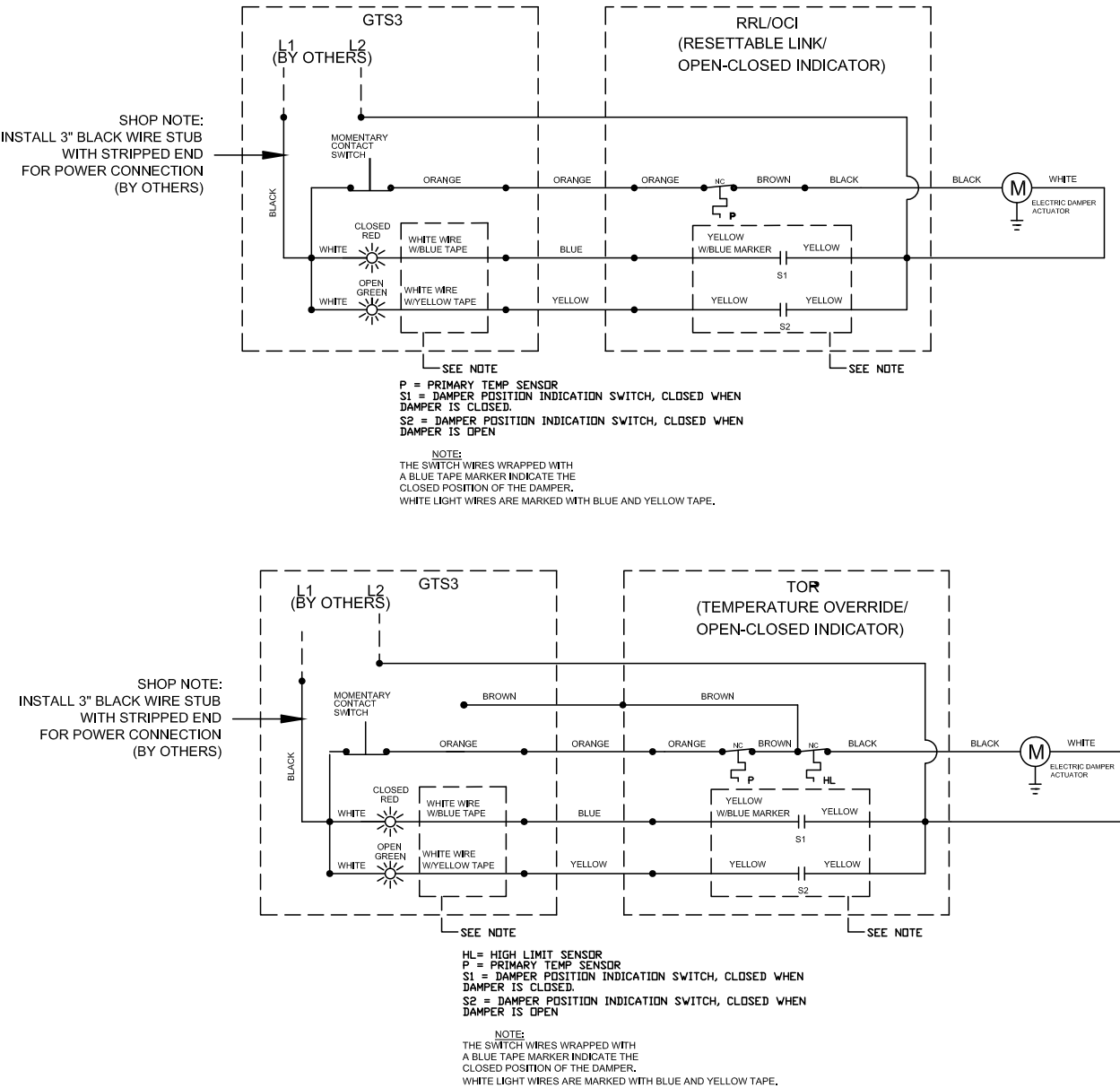
The Greenheck test switches (GTS) are only available ship loose.

Wiring Diagrams

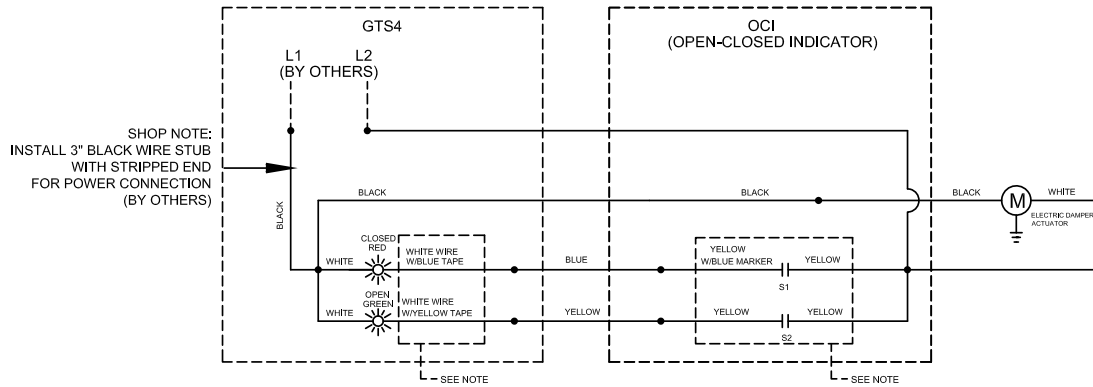
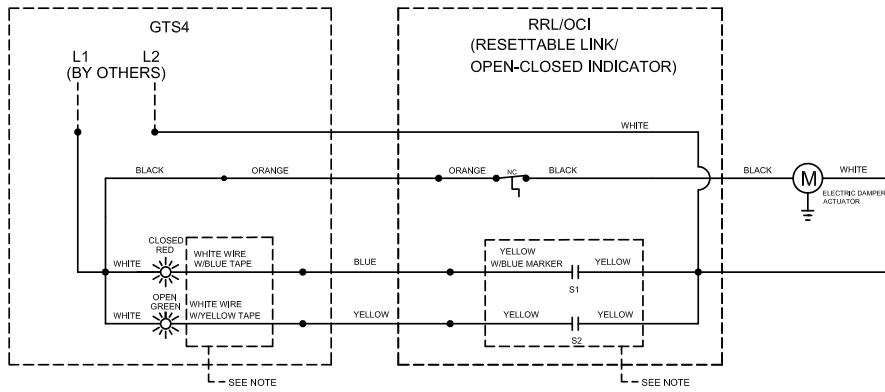
GTS-1 & GTS-2



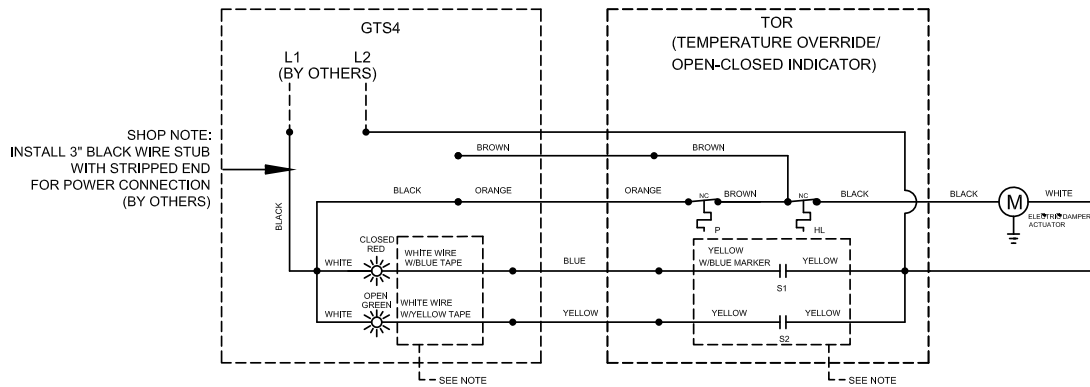
GTS-3



GTS-4



NOTE:
THE SWITCH WIRES WRAPPED WITH
A BLUE TAPE MARKER INDICATE THE
CLOSED POSITION OF THE DAMPER.
WHITE LIGHT WIRES ARE MARKED WITH BLUE AND YELLOW TAPE.



HL= HIGH LIMIT SENSOR
P = PRIMARY TEMP SENSOR
S1 = DAMPER POSITION INDICATION SWITCH, CLOSED WHEN
DAMPER IS CLOSED.
S2 = DAMPER POSITION INDICATION SWITCH, CLOSED WHEN
DAMPER IS OPEN

NOTE:
THE SWITCH WIRES WRAPPED WITH
A BLUE TAPE MARKER INDICATE THE
CLOSED POSITION OF THE DAMPER.
WHITE LIGHT WIRES ARE MARKED WITH BLUE AND YELLOW TAPE.