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

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.

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 GTS-1, GTS-3 and GTS-4 is available ship loose or factory mounted. GTS-2 is only available ship loose.

### Part Numbers

<table>
<thead>
<tr>
<th>Model (Voltage)</th>
<th>Assembly Number</th>
<th>316SS Assembly Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>GTS-1 (120V)</td>
<td>829385</td>
<td>869301</td>
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<tr>
<td>GTS-1 (24V)</td>
<td>843120</td>
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<td>GTS-2 (120V)</td>
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<td>GTS-3 (120V)</td>
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<td>GTS-4 (120V)</td>
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<td>GTS-4 (24V)</td>
<td>843123</td>
<td>869311</td>
</tr>
</tbody>
</table>
Wiring Diagrams

GTS-1 & GTS-2

GTS-3

Shop Note:
Install 3" black wire stub with stripped end for power connection (by others)

Electrical capacity = 1 amp, 24/120 Vac

- H = high limit sensor
- P = primary temp sensor
- D1 = damper position indication switch, closed when damper is closed
- D2 = damper position indication switch, closed when damper is open

Note:
The switch wires wrapped with a blue tape mark indicate the closed position of the damper.
White light wires are marked with blue and yellow tape.

Shop Note:
Install 3" black wire stub with stripped end for power connection (by others)