

## APPLICATION

The RCB-2 and 2.5 are ship loose single remote-control box (RCB) for use within dynamic smoke management systems on fire/smoke dampers equipped with the DTO/R. The RCB-2 utilizes a toggle type switch and the RCB-2.5 utilizes a removable key type switch. These control boxes also have a LED red light for closed damper position indication and a LED green light for open damper position indication. The RCB-2 and 2.5 are for use in 120VAC or 24VAC systems.

## OPERATION

The toggle switch and key switch are 3 position switches with the following options:

**OPEN** - The fire/smoke damper remains open until Primary Temperature Sensing Device is closed by elevated temperatures of 165°F or 212°F

**CLOSED** - The fire/smoke damper closes and remains closed regardless of any Temperature Sensing Device signal.

**REOPEN (OVERRIDE)** - The fire/smoke damper reopens manually after "High Limit" Temperature Sensing Device closes by elevated temperatures of 250°F or 350°F. The damper and remains open until TS2 temperature sensor signal the damper to close.

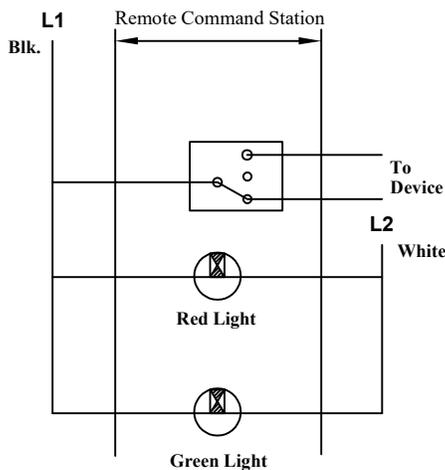
**REOPEN (OVERRIDE)** - The fire/smoke damper reopens manually after Primary Temperature Sensing Device closes damper and remains open until "High Limit" Temperature Sensing Device temperature sensor signals the damper to close.



**Remote Control Box "RCB-2"  
3-Position Toggle Switch  
Green and Red LED Blade Position Lights  
Use with DTO/R Heat Sensor**



**3 - Position Key Switch with  
Red and Green LED Blade  
Position Lights  
Use with DTO/R Heat Sensor**



**Wiring Diagram**