3-Way Switching with a Single Actuator

Functionality:

In this wiring configuration, 3 way switching is achieved by using 2 DPDT rocker switches and 1 DPDT relay. Both the rocker switches are required to be in either the extend or retract positions for proper operation. Please note that this setup is in auto-retraction mode, such that when the 3-way switching is active (energized relay coil), the actuator will extend. When the 3-way switching is deactivated (de-energized relay coil) the actuator will automatically retract.