Products covered by these instructions:

- **JB7**  Junction Box (only)
- **JB7-R1**  Junction Box with SPDT Relay
- **JB7-R2**  Junction Box with DPDT Relay
- **JB7-R3**  Junction Box with DPDT Delay on Make Relay
- **JB7-R4**  Junction Box with DPDT Delay on Break Relay
- **R5**  SPDT Relay (only)
- **R6**  DPDT Relay (only)
- **R7**  DPDT Delay on Make Relay (only)
- **R8**  DPDT Delay on Break Relay (only)

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Jb7 Junction Box

24-position terminal block
Relay mounting holes
Back panel (remove to install relays)

SPDT 24 VDC RELAY (JB7-R1 AND R5)

5-pin relay base
Relay spring
1 9 5
14 (+24 VDC)
1N4004 diode*

Relay Base Wiring
(*1N4001 or 1N4002 can be substituted; diode not included)
**Delay on Make Operation:** When power is applied to the input terminals (2 and 7), the time delay starts. At the end of the preset time delay, the output contacts transfer. Removing input power resets the relay.
Delay on Break Operation: Power is applied to the input terminals (2 and 10) at all times. When the normally open start switch is closed, the output contacts transfer and remain in this position as long as the start switch is kept closed. When the start switch is opened, the time delay starts. At the end of the preset time delay, the output contacts transfer back to their original position and the relay resets.