

# TIME DELAY RELAY ELECTRICAL CONNECTIONS

(FOR USE WITH CC-202D OR MRS)

Make all installations in accordance with local electrical codes. Be certain that all installations are carefully and permanently grounded.

## **A DANGER**

### **ELECTRIC SHOCK**

- Turn off the electrical supply to the disposer before attempting any work on it. Use a voltmeter or circuit tester to ensure that power is off.
- All installation work must conform to local plumbing and electrical codes.
- All control centers and disposers must be carefully and permanently grounded.
- A properly fused disconnect must be installed at the electrical supply source for the control center.

## **A** CAUTION

### **PROPERTY DAMAGE**

- Ensure that control center voltage and phase match the disposer motor and electrical supply. Check name plates on disposer and control centers for voltage and phase specifications.
- Refer to the control center wiring diagrams in this manual for correct connection.
- Use NEMA 4 watertight electrical connectors (not supplied) when making electrical connections to the control center.

The time delay relay may be used with the CC-202D or MRS to delay solenoid valve shut-off, providing a post flush. This helps prevent drain line stoppages and is beneficial when ground food waste must travel through many bends or a long horizontal run. It is adjustable from 0 to 10 minutes and factory set to provide approximately a 5 minute delay. To adjust, **SHUT OFF ELECTRIC POWER**. Inside unit, locate the adjustment potentiometer. Turn clockwise to increase delay. Turn counterclockwise to decrease delay. See Figures 2 and 3 for wiring.

Ensure the voltage rating on the time delay relay and solenoid valve are the same as the disposer motor and line voltage.

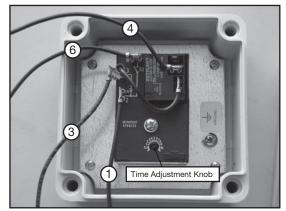


Figure 1. 120V or 208/230V Time Delay Relay

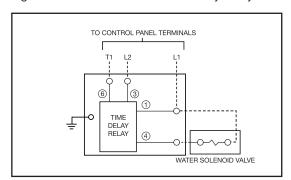


Figure 2. Time Delay Relay Connection 120 or 208/230 V

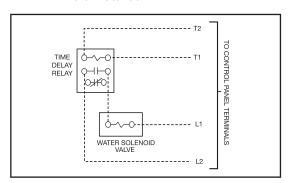


Figure 3. Time Delay Relay Connection 460 V, 3-phase only

Our products appear on *The KCL CADalog* CD-ROM based CAD Foodservice Symbol Library. More information is available from **Kochman Consultants, Ltd.** at www.kclcad.com





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# TIME DELAY RELAY ELECTRICAL CONNECTIONS

(FOR USE WITH MSLV)

Make all installations in accordance with local electrical codes. Be certain that all installations are carefully and permanently grounded.

## **A DANGER**

### **ELECTRIC SHOCK**

- Turn off the electrical supply to the disposer before attempting any work on it. Use a voltmeter or circuit tester to ensure that power is off.
- All installation work must conform to local plumbing and electrical codes.
- All control centers and disposers must be carefully and permanently grounded.
- A properly fused disconnect must be installed at the electrical supply source for the control center.

## **▲** CAUTION

#### **PROPERTY DAMAGE**

- Ensure that control center voltage and phase match the disposer motor and electrical supply. Check name plates on disposer and control centers for voltage and phase specifications.
- Refer to the control center wiring diagrams in this manual for correct connection.
- Use NEMA 4 watertight electrical connectors (not supplied) when making electrical connections to the control center.

The time delay relay may be used with the MSLV to delay solenoid valve shut-off, providing a post flush. This helps prevent drain line stoppages and is beneficial when ground food waste must travel through many bends or down a long horizontal run in the drain line. It is adjustable from 0 to 10 minutes and factory-set to provide an approximate 5-minute delay. To adjust the time, SHUT OFF ELECTRIC POWER. Inside unit, locate the adjustment knob. Turn clockwise to increase delay or turn counterclockwise to decrease delay. See Figure 2 for wiring.

Ensure the voltage rating on the time delay and solenoid valve are 24 volts. A time delay relay is used only with a water solenoid valve.

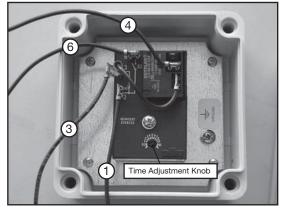


Figure 1. 24V Time Delay Relay

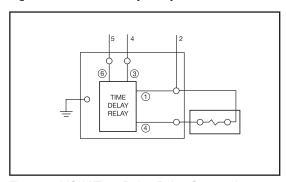


Figure 2. MSLV Time Delay Relay Connection

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