

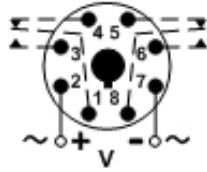


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Use socket: 70169-D

### TR-50228-05

**Family:** TIME DELAY RELAY  
**Function:** ON DELAY  
**Timing Range:** 0.1 - 10 sec  
**Input:** 24 VAC/DC  
**Output:** 10A DPDT

### Distributor Stock Status:

**McMaster:** Distributor part #7268K82  
**MSC:** Distributor part #77981470  
**Grainger:** Distributor part #23NU86

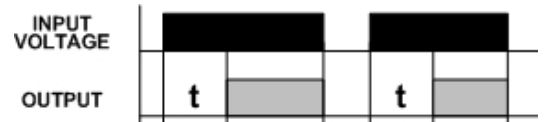
### Product Substitution:

The following product stocked at a distributor can be substituted for the **TR-50228-05**:  
**TR-60228:** TR-60228 has 16 timing ranges covering 0.1 seconds - 2 hours built-in vs. a single time range of 0.1-10 seconds in the TR-50228-05

### Description of function:

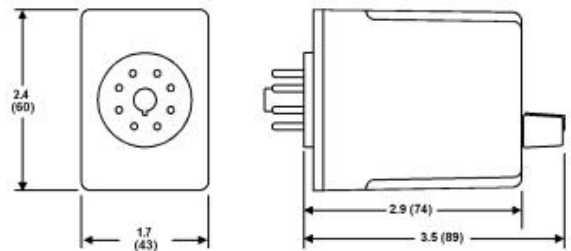
Upon application of input voltage, the time delay (t) begins. At the end of the time delay (t), the output is energized. Input voltage must be removed to reset the time delay relay & de-energize the output.

### Function Chart:



- **Voltage Tolerance:** AC Operation: +10/-15% of nominal at 50/60 Hz.; DC Operation: +10/-15% of nominal.
- **Load (Burden):** Maximum of 2 VA for all voltages
- **Setting Accuracy:** Maximum Setting (Adjustable): +5%, -0%; Minimum Setting (Adjustable): +0%, -50%. Fixed: > 2 Seconds: ±1%, 0.1-2 Seconds: ±5%
- **Reset Time:** 0.1 Seconds
- **Output Contacts:** 10A @ 240V AC/30V DC, 1/2HP @ 120/240V AC (N.O.), 1/3HP @ 120/240V AC (N.C.), B300 & R300
- **Life:** Mechanical: 10,000,000 operations; Full Load: 100,000 operations
- **Temperature:** (12-120V) -28° to 65° C (-18° to 149° F); 240V -28° to 50° C (-18° to 122° F)
- **Insulated Voltage:** 2,000 volts

### Dimensions



- Approvals: LISTED with Appropriate Macromatic Socket