

67TD Series - Miniature Time Delay Relays

DPDT, 4PDT, 5 Amp



When small size is a requirement 67 series relays fit where others won't. The miniature ice cube timers are capable of handling up to 5 amps. Typical configuration is DPDT on delay. Four pole versions are available. Time adjustments are through a recessed potentiometer. No exposed adjustment knob to bump.

GENERAL SPECIFICATIONS (@ 25° C)

Timing:

| | |
|------------------------------------------------------------|------------------------|
| Functions Available | On-delay |
| Time Range | Up to 450 seconds |
| Timing Adjustment | Recessed potentiometer |
| Timing Repeatability (Constant voltage and temperature) | 2% |
| Reset Time maximum | 150mS |
| Input Pulse Length minimum | N/A |

Contacts:

| | |
|-----------------------------|------------------------------|
| Contact Configuration | DPDT, 4PDT |
| Contact Material | Silver Alloy |
| Contact Rating | 5 Amp @ 120VAC |
| 120 / 240VAC Resistive | 5 Amp |
| 28VDC Resistive | 1/3Hp |
| Motor 120VAC | 1/2Hp |
| Motor 240VAC | 500mW |
| Minimum Contact Load | 100 milliohms max @ 6VDC, 1A |
| Contact Resistance, Initial | |

Coil:

| | |
|-----------------------------|------------------------|
| Coils Available | DC |
| Nominal Coil Power | 1.1W |
| Input Voltage Tolerance -AC | N/A |
| Input Voltage Tolerance -DC | 80% to 110% of nominal |
| Transient Protection | Yes |
| Reverse Polarity Protection | Yes |
| Duty | Continuous |

Dielectric Strength:

| | |
|-----------------------------------|--------------------------|
| Across Open Contacts | 500Vrms |
| Between Mutually Insulated Points | 1500Vrms |
| Insulation Resistance | 1,000 Mohms min @ 500VDC |

Temperature:

| | |
|-----------|-----------------------------|
| Operating | -20 to 70°C (-4 to 158°F) |
| Storage | -40 to 105°C (-40 to 221°F) |

Life Expectancy:

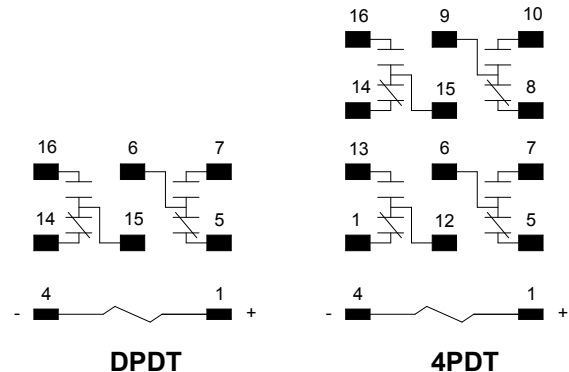
| | |
|-----------------------------------|------------|
| Electrical (full load operations) | 100,000 |
| Mechanical (no load operations) | 10,000,000 |

Miscellaneous:

| | |
|-------------------|----------------------------------------------|
| Mounting Position | Any |
| Mating Socket | 2 Pole = SK-REC22-PW 4 Pole = SK-REC28-PW |
| Accessories | Hold down clip included w/ socket |
| Enclosure | Clear Polycarbonate |
| Weight | 1.4oz (40 grams) |



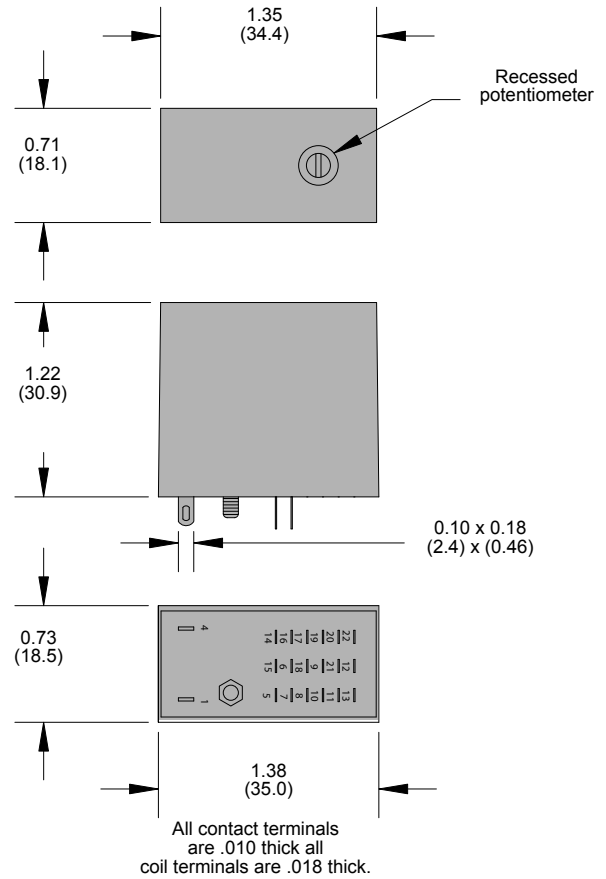
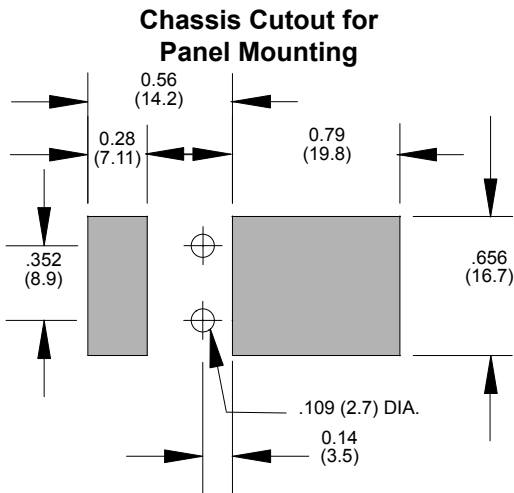
67TD Wire Diagram



Timer / Sensor - Time Delay & Sensor Relays 5 - 25 Amp

Outline Dimensions

Dimensions Shown in inches & (millimeters)



Section 7

67TD Part Number Chart

| Part number | Nominal input Voltage | Timing range |
|-------------|-----------------------|-------------------|
| On delay | | |
| 67CPSOX-1 | 12VDC | 0.1 to 30 seconds |
| 67CPSOX-2 | 24VDC | 0.1 to 30 seconds |