

# Crydom

*See full Datasheet below...*

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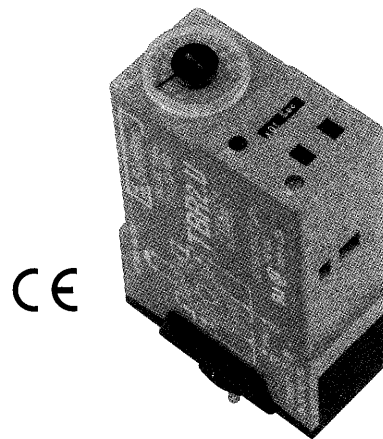
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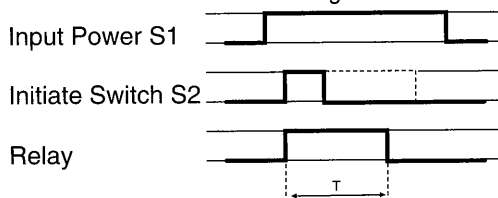
# BR2 U SERIES SINGLE SHOT TIMER

UL-E80750 CSA LR 56339

- Multi Timing Range (.1 sec to 10 hours)
- Direct Reading
- Dual Voltage
- DPDT 10 Amp Output
- LED Power ON Indicator
- LED RELAY Indicator

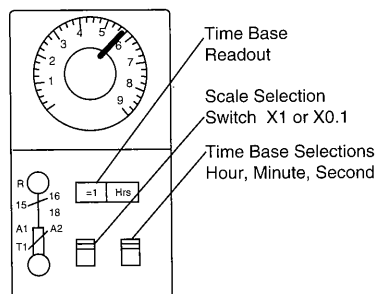


### Function B: Single Shot



**Function B:** Input power (S1) is continuously supplied to the timer. When an external initiate switch (S2) is closed, momentarily or maintained, the output relay is energized. At the end of the delay time (T), the output is de-energized. The timer is ready for another cycle. Isolate the initiate switch (S2) from other circuits.

### TIME RANGE SELECTION:

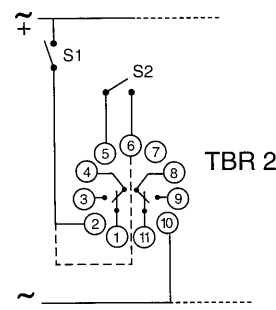


Six Time Ranges can be selected with two front panel switches.  
 X 0.1 s — 0.1 to 1 second  
 X 1 s — 1 to 10 seconds  
 X 0.1 mn — 0.1 to 1 minute  
 X 0.1 hrs — 0.1 to 1 hour  
 X 1 hrs — 1 to 10 hours

### SPECIFICATIONS:

Input Power	220 VAC / 24 VAC/DC, 110 VAC / 24 VAC/DC
	48 VAC/DC / 24 VAC/DC, 12 VDC, ±15%, 50/60 Hz
Max. power consumption	24 VAC: 1 VA      12 VDC: 0.5 W
	48 VAC: 1.2 VA      24 VDC: 0.6 W
	110 VAC: 3.5 VA      48 VDC: 1.2 W
	220 VAC: 7 VA
Output Rating	DPDT Relay
Contact material	AgCdO
Maximum loading	10 A AC resistive      8 A DC resistive
Maximum switching voltage	250 VAC      250 VDC
Relay maximum power rating	2200 VA      80 W
Transient protection	2500 volts
Mechanical life of relay	30 x 10 <sup>6</sup> operations
Electrical life of relay	2 x 10 <sup>6</sup> at 2400 VA resistive load
Repetition accuracy	±0.2% at a constant ambient
Reset time	50 ms after timing
	100 ms during timing
Contact Closure Time	20 ms minimum
Operating temperature	-4°F to +140°F      -20°C to +60°C
Weight	2.8 oz. (80g)

### WIRING DIAGRAM:



**NOTE:** The initiate switch should be isolated from the other circuits. Contact will operate on the same supply as the timer and will have a max. load of 5 mA.

For 24VAC/DC, jumper terminals 7 & 10

### ORDERING INFORMATION:

