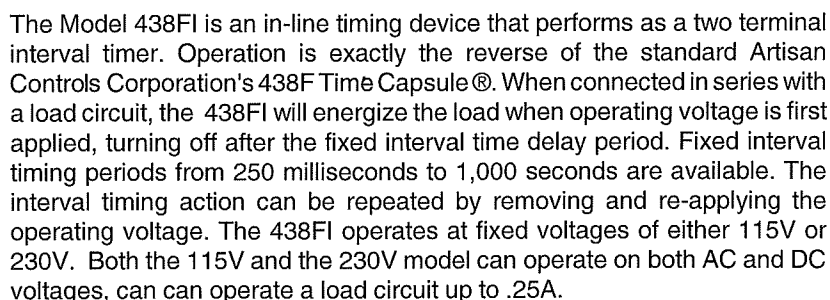
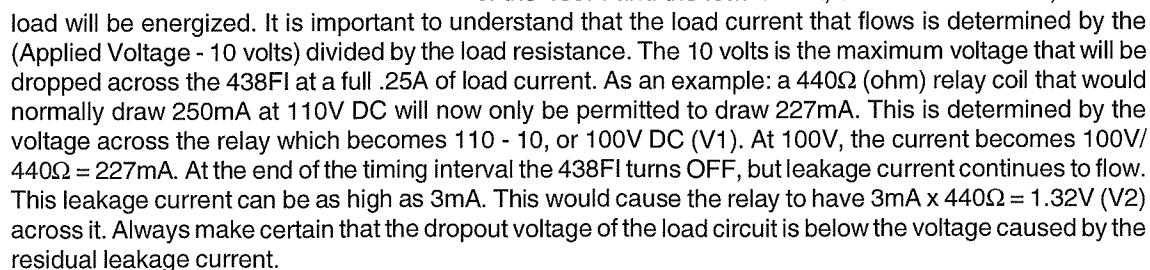




Fixed Interval Time Capsule®



Mechanical Timing Diagram





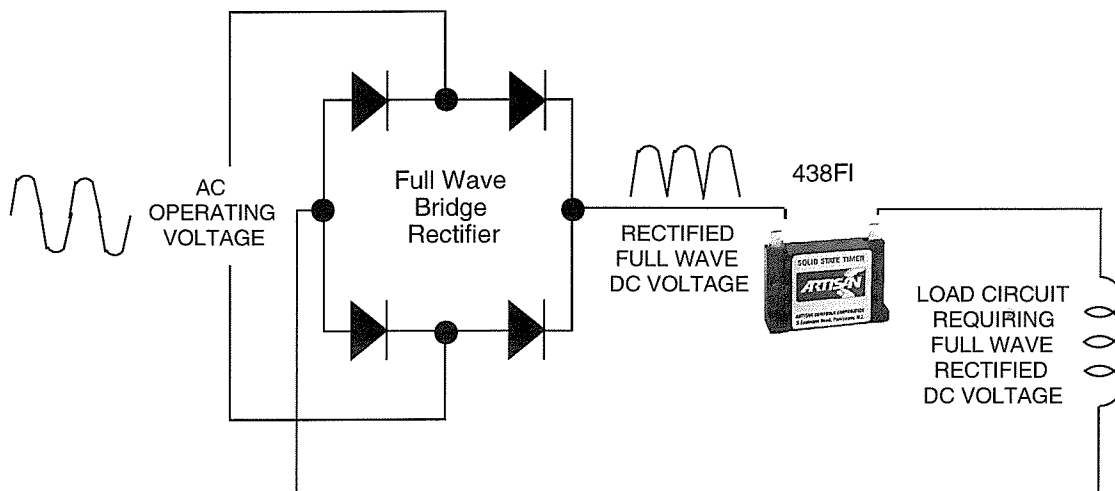
Solid State Timers and Controllers

Specifications

Operating Voltage:	115V or 230V AC/DC 50/60Hz. Specify when ordering.
Voltage Tolerance:	115V model operates over the voltage range of 105V to 135V AC or DC. The 230V model operates over the voltage range of 200V to 288V AC or DC.
Timing Mode:	Interval - Load turns ON with application of operating voltage then turns OFF after delay period.
Fixed Timing:	Specify when ordering any interval timing period from 250 milliseconds to 1000 seconds.
Purchased Tolerance On Timing:	±10%.
Timing Variation:	±5% at any combination of operating voltage and temperature.
Repeatability Of Timing Period:	±1% nominal.
Recycle Time:	200 milliseconds.
Output Rating:	.25 ampere inductive with inrush current to 8 amperes for 8 milliseconds.
Output Voltage Drop in "ON" State:	10 volts maximum voltage drop across the 438FI at any operating voltage and load current to .25 ampere during an interval timing cycle.
Leakage Current in "OFF" State:	3 milliamperes maximum at any operating voltage and load circuit.
Transient Protection:	Maximum transient voltage protection is 6000 volts as delivered through a source resistance of 30 ohms with a maximum duration of 8.3 milliseconds.
Operating Temperature:	-20°C to +85°C
Humidity:	95% condensing
Terminations:	Two (2) .25 Faston type.
Data Sheet Revision Date:	September 28, 1995

Operating From Full Wave Rectified DC

The 438FI series can also operate from full wave rectified DC voltage and does not require any externally filtering to provide an output for the full wave DC load.



Ordering Information

Part Number	Time Range	Operating Voltage
438FI - 115	Specify In Seconds	105V - 135V AC or DC
438FI - 230	From .25 To 1,000	200V - 288V AC or DC