

misusing this property

## Solid State Timers and Controllers

## **439**

## Delay-On-Make Timing Module



The model 439 is an all solid state delay-on-make timing module operating a set of relay contacts as the output. When operating voltage is applied the timing period begins. At the end of the delay period, the output contacts transfer. Timing for the 439 is provided by an external resistor. The external resistor controls the timing period over the range of 15 to 300 or 30 to 600 seconds depending on model ordered. The timer is protected by transient absorption devices that provide for a highly reliable timing device when used in high electrical transient applications.



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439A - 3 230V AC   439A - 4 12V DC Both Mode   439A - 5 28V DC 0 - 1 Mode   439A - 6 48V DC External Timin	els Utilize A eg Ohm ng Resistance
439A - 6 48V DC External Timi	ng Resistance

s the 439A operating from 24V AC with an external timing range of 15 - 300 seconds.

## Ordering Information For Fixed Time Units .....

Part Number	Operating Voltage	Timing Period	EX: 439F - 4 - 150
439F - 1 439F - 2 439F - 3 439F - 3 439F - 4 439F - 5 439F - 6	24V AC 115V AC 230V AC 12V DC 28V DC 48V DC	Specify Desired Timing Period As a Dash Number To The Basic Part Number Time Delay Can Be Specified From 1 To 10,000 Seconds	Is the 439F operating from 12V DC at a fixed delay-on-make of 150 seconds
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