

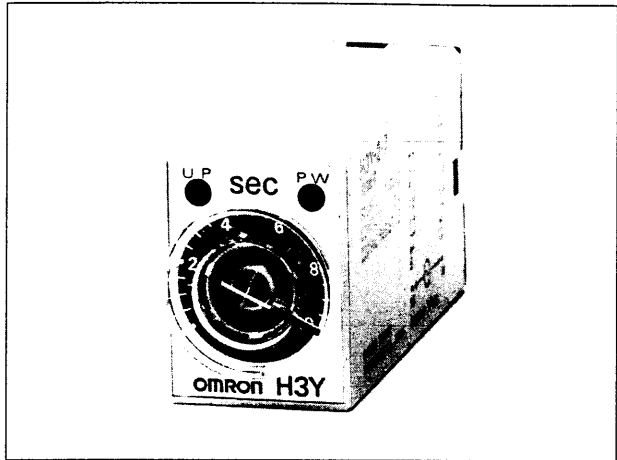
Miniature Solid-state Timer

H3Y

A range of four pole plug-in electronic timers with a pin-out matching that of the OMRON MY4 relay. (See MY4 page in the Relays section for details of sockets).

High repeat accuracy is ensured by the use of a digital counting circuit. Contacts are gold plated, assuring high switching reliability even when the timer is not operated for long periods. Timing mode is delay on energisation, the contacts change over after power has been applied to the coil for the preset time.

LED indicators show Power-ON and time up.



Ordering Information

Order Number	H3Y-4 (Specify coil voltage and time range)
Output Type	4 pole changeover, ON-delay operation
Coil Voltages	24VAC, 110VAC, 240VAC, 12VDC, 24VDC
Rated Load	3A 250VAC resistive
Reset Time	0.1 second max.
Repeat Accuracy	±2% max.
Minimum Load	1mA 1VDC
Life Expectancy	Mechanical: 10,000,000 operations min. (under no load and at operating frequency of 1,800 ops/hour) Electrical: 200,000 operations at 3A 250VAC
Dielectric Strength	1,500 VAC, 50/60Hz for 1 minute (between current-carrying and non-current carrying parts, between contact and control circuit and between contacts of different poles) 1,000 VAC, 50/60Hz for 1 minute (between non-continuous contacts))
Ambient Temperature	Operating: -10° to 50°C
Ambient Humidity	35% to 85%

Coil Characteristics

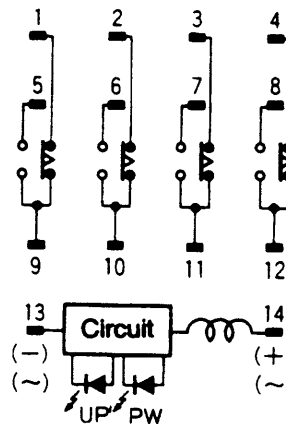
Rated voltage	24 VAC	110 VAC	240 VAC	12 VDC	24 VDC
Power consumption	AC: Approx. 2.2VA DC: Approx. 1.5W				
Operating Voltage Range	85 to 110% of rated voltage		90% to 110% of rated voltage	85% to 110% of rated voltage	
AC types and 24VDC	85% to 110% of rated voltage				
12VDC	90% to 110% of rated voltage				

5 min	0.2 to 5 min
10 min	0.5 to 10 min
30 min	1 to 30 min
60 min	2 to 60 min
3 hr	0.1 to 3hrs

Time Ranges

Rated Time	Time Setting Range
1s	0.1 to 1s
5s	0.2 to 5s
10s	0.5 to 10s
30s	1.0 to 30s
60s	2.0 to 60s
120s	5.0 to 120s
3 min	0.1 to 3 min

Connections



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