



## ELECTRONIC TIMING MODULES

Diagram



Part Number

H3BA-8H

EMFR1

ESDT1

Function

Description of Operation

Time Ranges

Voltages

Wiring Diagram

Multi Range / Multi Function Timer					Star Delta
H3BA-8H 8 PIN TIMER	Delay On	Interval	Equal Repeating ON / OFF	Equal Repeating OFF / ON	
<p>Multi function count DOWN timer. Panel or base mount-48mm square.</p> <p>Each of the 4 time Ranges can be Either in seconds, minutes, hours or 10 hours.</p> <p>Maximum time setting = 100 hours</p> <p>One instantaneous and one time delay change-over contacts.</p>	<p>When power is applied the relay remains de-energized. After the preset time, the relay energizes.</p> <p>Remove power to reset.</p>	<p>When power is applied the relay energizes. After the preset time, the relay de-energizes.</p> <p>Remove power to reset.</p>	<p>When power is applied the relay will switch ON and OFF continuously. The preset time is the same for both cycles.</p> <p>Remove power to reset.</p>	<p>When power is applied the relay will remain OFF, then switch ON and OFF continuously. The preset time is the same for both cycles.</p> <p>Remove power to reset.</p>	<p>When power is applied a neutral contact closes between 1+4 for a: "STAR" contactor connection. After a preset time, contact opens and pauses in the neutral (open) position. After 25MS the contact closes between 1+3 for a "DELTA" contactor connection. This contact remains in this closed position until power is removed.</p>
0.01 - 0.5 0.01 - 1.0 0.01 - 5.0 0.01 - 10		0.1 - 1.0 second 0.1 - 1.0 minute 0.1 - 1.0 hour	1.0 - 10 seconds 1.0 - 10 minutes 1.0 - 10 hours		0 - 30 seconds
240V AC		12V , 24V AC/DC 110V , 230V , 400V AC			12V , 24V AC/DC 110, 230V, 400V AC