

FEATURES :

- High current carrying capacity up to 20 amps
- Transient protected
- No leakage in N.O. position
- No heat sinking required .
- Available in any time delay period required .
- Digital CMOS timing .
- No minimum load required .
- Totally encapsulated for protection from harsh environments .
- 100% Operational testing before shipping .

TIMING MODE :

Often called Interval, Interval Delay, Delay on Energization with Instantaneous Transfer. When power is applied to the input voltage terminals, the load is energized immediately and the time delay cycle starts. At the end of the delay period, the timer transfers back to its pre-power position. Removal and re application of input voltage resets the timer .

TIMING CHARTS



SELECTING CODE :

Series Name	Input Voltage	Time Adjustment	Relay Output Form	Options	Time Ranges
HSJ - 2 1 A H 0010	1-120 VAC 2-230 VAC 3-24 VAC 4-24-25 VDC 5-48 VAC 6-48 VDC 7-12 VDC 8-Any in between DC voltage (specify)	1-Variable, integral, knob on timer 2-Variable, external knob remote 3-Fixed, external, factory set 4-Fixed, external, resistor network	A: SPDT (N.O.) B: SPST (N.C.) C: SPDT	H: Heavy duty 10 amps (5 amps relay standard) I: 20 amps	VAR-ADJ TIME PERIODS 0.05- 0.5 to 1 sec. 0.10- 0.1 to 10 sec. 0.100- 1 to 100 sec. 1.000- 10 to 1000 seconds Any range up to 24 hours available FIXED TIME PERIODS Specify time interval seconds for hours following the letter "H" or "M" and the decimal amount of the hour time unit. Example: 0.5 is 0.5 sec. 340 is 3.5 hours

Technical Data :

Input Voltage: VDC: 12, 24 or 48 VAC: 24, 48, 120 or 230, 50/60 Hz
 Time Delay: Timing Mode: Delay On Make Type: Digital CMOS Time Range: 0.2 seconds to 24 hours Time Adjustments: Factory-fixed time period; variable, with adjustments on timer, or terminals for external resistor or potentiometer Repeatability: 0.5%
 Setting Accuracy: Fixed time period: 10% of nominal time. Variable time range: +15% - 5% max. time, 10% min. time
 Reset/Recycle Time: 25 milliseconds Initiate Time: 6 milliseconds or less
 Relay Output Form: Standard: SPST N.O. Optional: SPST N.C., SPDT
 Relay Life Expectancy: Mechanical: 10 million operations Electrical: 100,000 operations Contact Material: Silver nickel, gold plated, or silver cadmium oxide
 Protection: Polarity Protection: All DC units have reverse polarity protection Transient Protection: 18 joules or 30 joules (230VAC) MOV Dielectric Strength: 1800V RMS 60 Hz
 Temperature Ranges: Storage: -40°C to +85°C
 Operating: -25°C to +85°C Physical Data: Mounting: Surface with one #8 screw
 Connection & Termination: 0.25" quick connects .

Dimension and connection diagram :

