Product Features

- Suitable for screw mounting(except ST4-M1).
- 7 segment display indication for channel and timing operation (except ST-4M1).
- User friendly programming for ON/OFF time selection independently (except ST-4M1).
- Hold /Restart feature is available during power failure, Over voltage protection(except ST-4M1).
- ST-6M1 / ST-10M2 / ST-10M1 : pulse start signal.
- ST-15M2 / ST-4M1 : continuous start signal.
- S1D-C8M3 : Comprises of 8 Relays and each relay can be programmed for maximum of 8 switchings in a cycle.
- Potential free (Zero volts) continuous start signal and continuous signal from differential pressure switch is mandatory for operating the timer.

Specifications

Model	S1DC8-M3
Function	Combination switching of Outputs
Rated supply voltage	85V to 270V AC, 85V DC to 270V DC
Rated frequency	50 / 60Hz ±5%
Power consumption	AC approx.20VA DC approx.10W
Control relay output	8 (8 NO contacts rated for 5A@250V AC / 28V DC resistive load)
Start signal (S1, S2)	Potential free closure signal for minimum 250msec
Reset signal (R1, R2)	Potential free closure
Time range	1sec to 99hrs 59min 59sec for Delays & ON
Setting accuracy	± 0.2% ± 50msec
Repeat accuracy	± 0.2% ± 50msec
Recovery time	2sec minimum
Variation due to voltage change	± 1% max ± 50msec
Variation due to temp. change	± 2% max ± 50msec
Variation due to frequency change	± 1% max ± 50msec
Ambient temperature	Operation: -10ºC to +55ºC, Storage: -25ºC to +80ºC
Humidity	Max. 85% RH @ 40ºC
Service life (under no load)	10^6 operations minimum
Electrical life (under full load)	10^5 operations minimum
Insulation resistance	> 100M ohms @ 500V DC
Di-electrical strength	1. 2.5KV AC, 50Hz for 1minute. (Between current carrying and non-current carrying parts). 2. 1.5KV AC, 50Hz for 1minute. (Between contacts and control circuit). 3. 1KV AC, 50Hz for 1minute. (Between non-continuous contacts of the relay).
Electrical connection	Screw type terminals with self lifting clamps
Dimension (over-all)	200 x 130 x 45mm (W x H x D)
Enclosure (series)	S1D series