



Product Features

- Switches On and Off 4 times in a day with respect to real time.
- LED indication for relay status, LCD display for real time clock.
- User friendly programming with manual over ride facility.
- Clock hour and Clock minute buttons can be enabled by shorting terminals to program RTC.
- For TS-203, TS-203B : Use (1.5Vx2)AA size Batteries

Specifications

Model	TS-203	TS-203B
Function	Digital Daily Time Switch With 4 Programs	
Number of Programs	4 Programs per day.	
Rated supply Voltage	240V AC	
Operating voltage range	-20% to +10% of the rated voltage	
Rated Frequency	50Hz \pm 5%	
Power consumption	From Mains : AC Approx. 12.5VA (2.5W)	
Battery backup	1 year Min	
Control output	1 c/o rated for 16A @ 250V AC/28VDC resistive load	
Time Range	ON TIME : 00H 00M to 23H 59M DURATION : 00H 01M to 23H 59M	
Display	0.39" LCD	
Switching accuracy	\pm 2Sec max	
Recovery Time	100mSec minimum	
Variation due to voltage change	\pm 2% Sec max	
Variation due to temperature change	\pm 2% Sec max	
Variation due to frequency change	\pm 2% Sec max	
Ambient temperature	0°C to +50°C(with no icing)	
Humidity	MAX 85% RH @ 40°C	
Service life (under no load)	10 ⁶ operations minimum	
Electrical life (under full load) 105 operations minimum	10 ⁵ operations minimum	
Insulation resistance	>100M ohms @ 500V DC	
Dielectric strength	a) 2.5KV AC, 50Hz for 1 minute. (Between current carrying& non-current carrying parts) b) 1.5KV AC, 50Hz for 1 minute. (between contacts & control circuit) c) 1KV AC, 50Hz for 1 minute. (between non-continuous relay contacts)	
Electrical connection	Screw type terminals with self lifting clamps	
Dimension	72 x 72 x 84mm (W x H x D)	110 x 86 x 68mm (L x W x D)
Enclosure (series)	TS- Series	TS- Series

Hints On Correct Use

- While fixing the back cover, care should be taken to ensure correct orientation of the cover w.r.t terminal markings.
- After adjusting the real time clock remove the shorting across the terminals P1 & P2. This facility will prevent the tampering of clock.

Caution

- Do not apply power to P1 & P2 terminals.