



schnell

ACTIMER SWITCH

PRODUCT OVERVIEW

- ◆ The innovative Real Time Clock - operated switch from Schnell Energy offers precise and user-configurable control over electrical loads, making it an ideal solution for applications like street lighting,

This device is designed for high-precision, reliable operation, making it a valuable tool for automated lighting control and other time-based applications.



KEY FEATURES

- ◆ **Real-Time Clock (RTC) Operation:**
The device operates based on a highly accurate real-time clock.
- ◆ **Automatic Load Control:** Outputs can be toggled on and off according to user-defined schedule time, ensuring reliable automation.
- ◆ **User-Configurable Settings:** Easily set the ON and OFF times for the output load. One programmable ON and OFF time, for all days.
- ◆ **Resilience:** The RTC runs with battery backup, allowing it to resume normal function after a power failure.
- ◆ **Manual Override:** Specifically useful for operating street lights, with predefined time settings for manual intervention.
- ◆ **High Accuracy:** The clock offers a correction resolution of 1 part per million (ppm), ensuring minimal time drift.
- ◆ **24-Hour Display:** Displays the real-time clock in a clear, easy-to-read 24-hour format.

Note: The times are displayed in a 24 [hours and minutes] format. This device is designed for high-precision, reliable operation, making it a valuable tool for automated lighting control and other time-based applications.



TECHNICAL SPECIFICATION

Parameter	Value
Supply Voltage	230Vac
Voltage Tolerance	230Vac \pm 5Vac
Power Consumption	16W @ 230Vac
Input Setting	User-configurable ON/OFF time
Output Function	1 Normally Open (NO) & 1 Normally Closed (NC)
Output Load Handling Capacity	120V<2A,230V<1A
LED Indication	Green LED for Relay ON and RED LED for setting mode indication.
Display	3 Digit 7 segment LED Display
Clock Accuracy (Per month)	\pm 9 seconds per month
RTC Battery Life	5 years
Mounting	DIN rail mount
Dimension (LXBXH)	109x45x50 mm
Weight	110 grams
Operating temperature	-10°C to +60°C
Storage temperature	-10°C to +70°C
Humidity	95% (Relative Humidity)

Application: It acts as a schedule switch for all electrical device, like street lighting, Hoarding boards, water pump, etc..

- +91 95002 95005
- schnell@schnellenergy.com
- www.schnellenergy.com
- Schnell Energy Equipments Pvt.Ltd,
6/4, Lions Club Building, Ranganayaki Nagar,
Periyanaickenpalayam, Coimbatore - 641 020.

