SUNNY
LIGHT FOR LIFE

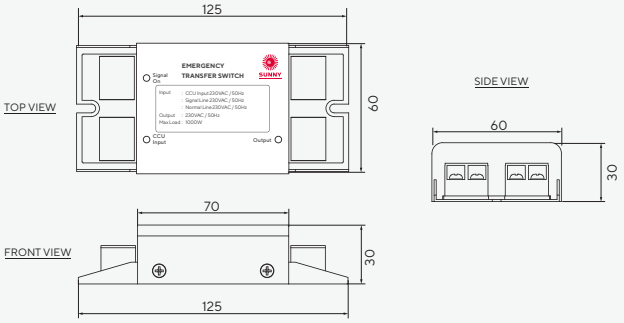
Emergency Transfer Switch - ETS Series

Model : ETS220-1K

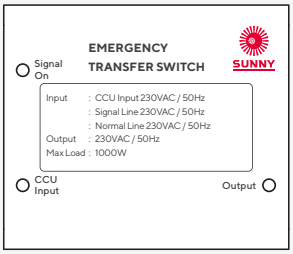
Technical Specifications

Mode of Operation	Maintained/ Non-Maintained
Operation Temperature	0 to 60°C
Input Voltage	- CCU Input 230VAC/ 50Hz - Signal Input 230VAC/ 50Hz - Normal Line Input 230VAC/ 50Hz
Transfer Period	Within 1 second
Output Voltage	230VAC/ 50Hz
Maximum Power Load	1000 W
Protection Features	- AC Fuse - Surge Protection
Housing	Electro-galvanized steel sheet 1mm. thick with epoxy powder coating
Dimensions (L x W x H)	125 x 60 x 30 mm
Weight	0.22 Kg
Degree of Protection	IP20
Standards / Compliance	ISO9001
Warranty	Circuit Board 5 Years

Dimensions (mm)



Indicators



LED **Signal On** ▸ Indicating the status of voltage check for incoming 230VAC electrical power into the device.

LED **CCU Input** ▸ Indicating the status of the CENTRAL BATTERY power into the device.

LED **Output** ▸ Indicating the status of output voltage

Product Overview

Emergency Transfer Switch is a set of electrical power supply equipment from the CENTRAL BATTERY control unit, designed to provide emergency lighting for light bulbs.

It can work together with regular light bulbs under normal conditions, allowing manual control of turning them on and off. However, in case of a power outage, the light bulbs will automatically illuminate through the Emergency Transfer Switch, which operates with a backup power supply at 230 volts, 50 hertz for emergency lighting situations. If the room is equipped with an Emergency Transfer Switch, the light bulbs will instantly turn on when the power goes out.

Features

Supported Load

- Supports a 230 VAC load for emergency lamps

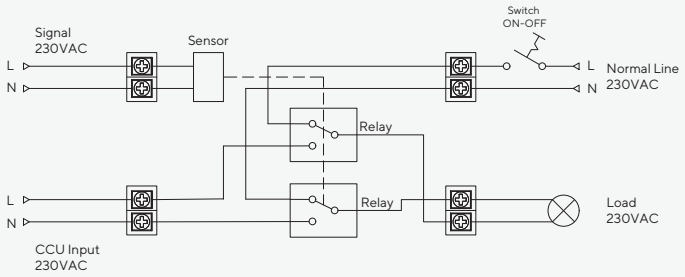
Functions

- It can detect electrical voltage at the desired detection point and immediately supply electrical power to the emergency light bulb when it detects a power outage.

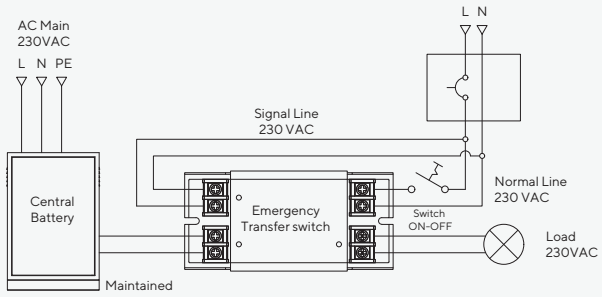
Protection Features

- AC fuse to prevent current overload
- Surge Protection

Circuit Diagram



Wiring Diagram (Maintained)



Wiring Diagram (Non-Maintained)