

Solid State Relay with built-in Fan Regulator

Features:

- Ability to turn On / Off 2 lights and control 1 of our BLDC Fan or can be used to turn On / Off 3 lights
- Speed of BLDC Fan can also be controlled by the SSR
- All control operations through a sleek remote
- Remote Control operation adds convenience to user
- Compact dimensions occupying only 1 Module Unit in wall box
- User can install only one master switch to turn on / off all the 3 connected equipment
- Saves the space of atleast 3 Module Units even with master switch
- Master On / Off also incorporated in remote to eliminate the master switch thus saving additional Module Unit
- Incorporates our dedicated protocol regulator (Patent pending) for controlling fan speed

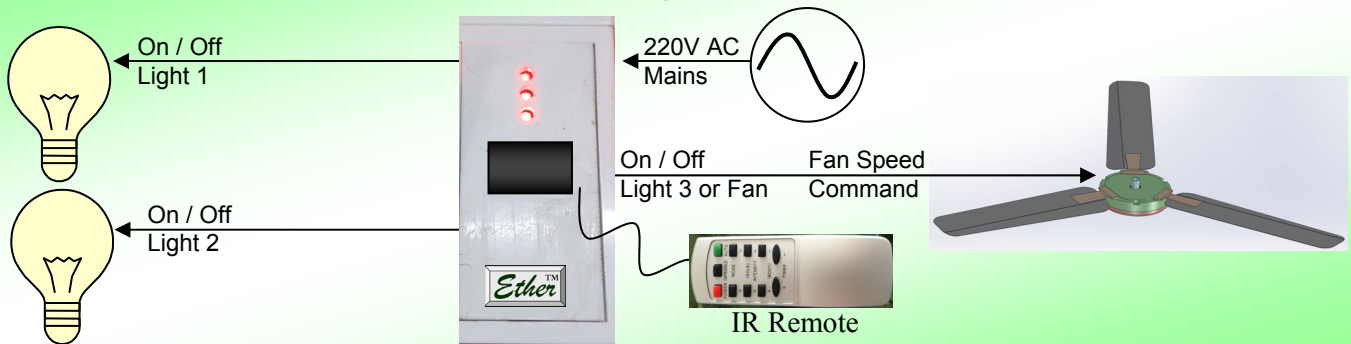


All this
(6 Module Unit)

In this
(2 Module Unit)



Block Diagram



Specifications:

Switch Type	: 2 MOSFET based
Number of Switches	: 3
Number of Regulator	: 1
Output Capacity	: Light Bulb of 60W on each channel
Working Range	: 130 to 270 V AC
Standby Power Usage	: 0.6W
Control Type	: Microcontroller
Regulator Type	: Protocol Regulator
Dimensions (SSR)	: 1 Module Unit
Dimensions (Remote)	: 125x43x20mm
Protections	: Under / Over Voltage

Note: Due to continuous innovation and improvements, specifications & colours are subject to change without any prior notice.

About protocol based speed regulator for Fan

- Conventional triac or capacitor based fan regulators cannot control the speed of the VSD
- Only 2 wires are generally available in the electrical wiring to power the fan and control its speed
- Triac has limitations and performance issues such as poor reliability, more standby power consumption, more drop and losses, and turn ON/OFF issues
- 2 back-to-back MOSFETs make a better switch when compared to triac
- Incorporation of a MOSFET based design results in a lower drop of below 0.4V and lower losses
- Stand-by losses are very low in MOSFET based design as gate control current is negligible
- MOSFETs can be controlled by transistor
- Necessary control signals are generated by a low power microcontroller

Adds Convenience to Life without compromising efficiency & saves wall module space

S K Dynamics Pvt. Ltd.

Ether Mechanics Pvt. Ltd.

B-5 Industrial Estate, Roorkee 247667, Uttarakhand, India

B-6 Industrial Estate, Roorkee 247667, Uttarakhand, India

Phone: +91-1332-263616, Fax: +91-1332-264083

Phone: +91-1332-266868

support@skdynamics.com , URL: www.skdynamics.com

support@ethermechanics.com , URL: www.ethermechanics.com