

Key card series switches (ESU) PS-KT-XX-XX



PS-KT-XX-XX Key Tag series of ESUs are designed for regulating electric power in hotel rooms or similar areas to save power by switching the unwanted loads of the room OFF whenever the guest is not present. This automatic operation saves a lot of electrical energy and operational cost. These gadgets that have 20 amperes of switching capacity, would switch ON the load, on inserting the “**guest key card**” on the key slot and would switch it OFF after 30 seconds, whenever the key card is removed. The indication lamp kept on the face plate of **PS-KT-00-XX** model blinks RED if when the key card is not inserted and it turns to glow continuously green otherwise. The model PS-KT-01-XX is provided with a privacy button, in addition. On pressing privacy button, it glows green to indicate the action.

This ESU is manufactured in two standard colors in the normal case but could match the color on special request.

Product Highlights

- Capability to switch ON/OFF electrical loads up to 20 A to saves Energy.
- Built-in delay of 30 seconds for switching OFF the load.
- DND/Privacy button provided
- Three standard & special colors on request.

Presevi Industries Pvt. Ltd Chennai, India, established in 1986, is an ODM with DSIR recognized R&D and two factories. The firm designs develop and manufacture highly reliable electronic controllers for appliance industries such as Air conditioning, refrigeration, washing machines, also by covering sectors like energy, hospitality, Illumination etc. This 30-year-old firm that possesses cumulative knowledge & expertise, has successfully completed several special innovative Research based product developments, in mechatronics, power electronics, embedded controller development, instrumentation, networking etc. for Indian Railways, ISRO, IGCAR, BSNL, IIT, etc.



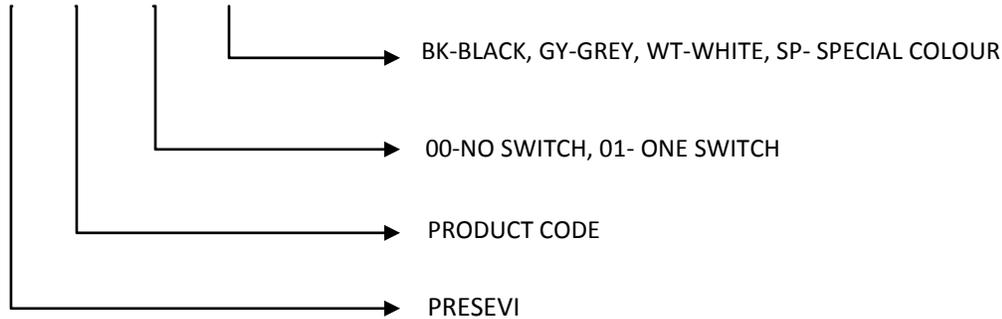
Fig. 1 Keycard switch

Applications

- Guest rooms in hotels to switch ON/OFF the electrical load automatically
- Student hostel rooms
- Patient consulting rooms in hospitals

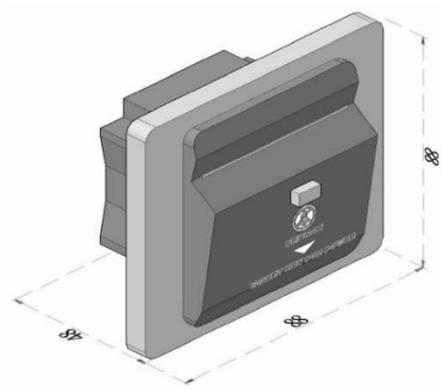
Product selection chart

PS – KT – 01 – XX

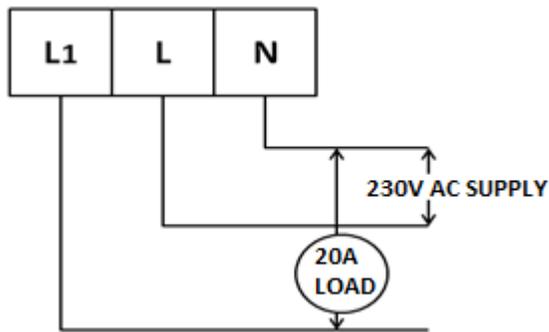


Mechanical Dimensions

L × B × H (in mm): 88 × 48 × 88



Electrical Connection Diagram



Electrical specifications

Input voltage (V AC)			Frequency			Output current
Min	Typ.	Max	Min	Typ.	Max	
85	230	264	45	50	55	20 A

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