AN ISO 9001:2008 CO

SWITCH TO A BETTER WORLD

SMART CARD OPERATED MAIN SWITCH

With exit delay (3 module)

Functions

- The main switch operated by a card (popularly named electronic key fob switch) is exclusively meant for hotel or similar installation.
- The main switch is made 'ON' when the card is inserted in the switch slot provided on the upperside of the assembly.
- The main supply is turned 'OFF' on removal of the card with an exit delay of 10-30 seconds.
- The red LED on key fob starts glowing when the key card is removed for ease in locating in the dark.
- It ensures that all the electrical circuits are switched off by default when the key card is removed (i.e. the room is locked) and thus avoids wastage of electrical energy.

Technical Specification

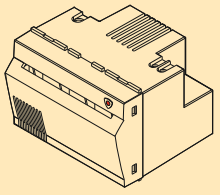
- Related voltage - 180 - 240V~
- Rated current: 20A
- Exit delay of about 10-30 seconds
- Load contacts encased in relay. Hence, no visible arc.
- Suitable for screw less mounting on the plate.
- Class II application. ⧈
- Suitable for mounting on inflammable surface. ⧩
- Protection: IP30-IK01.

Special Features

- Switches off the load when the card is taken out after a set delay (exit delay) of above 20 seconds so that the user can safely get out of the room when the lights are still 'ON'.
- Compatible with building automation system, energy management systems and lighting control panels.

Note

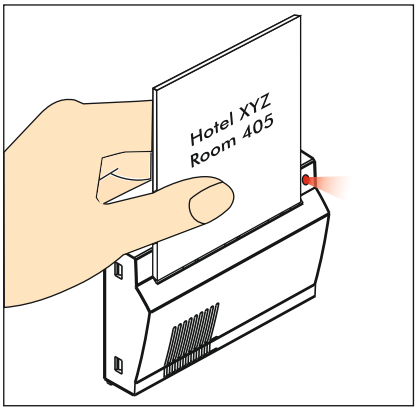
- The unit may be used stand alone for general load up to 16A. as shown in fig. 2.
- For air conditioner and similar high inductive / capacitive loads it is recommended, that the unit is used along with an AC contactor or SSR of suitable higher rating, as shown in fig. 1.

Product	Product code	Details
	AA 3 075	Smart Card

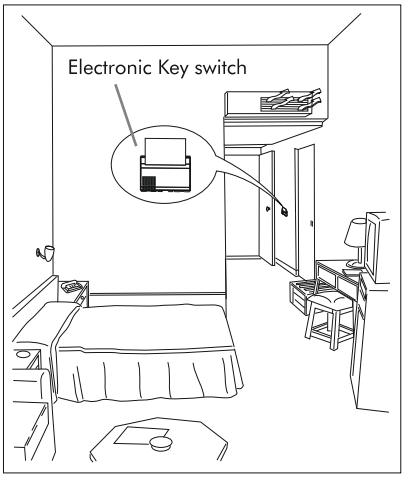
Nomenclature and Marking

GM modular range is marked with details using laser technology with absolute precision and indelibility.

Use of Key Tag Switch

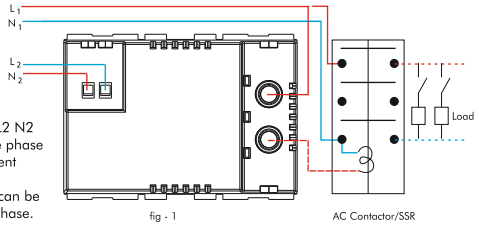


Example of Use:



Key tag switch in a hotel room

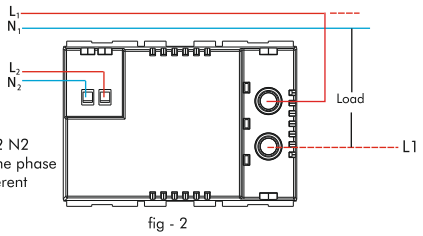
Wiring diagram with Relay



Note:
1. L1 N1 & L2 N2 can be same phase or two different phases.
2. The load can be single or 3 phase.

fig - 1

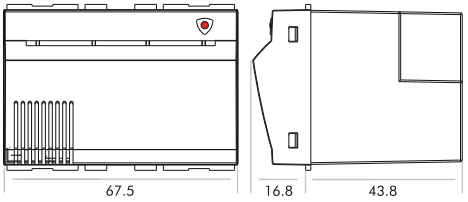
Wiring diagram



Note: L1 N1 & L2 N2 can be same phase or two different phases.

fig - 2

Front and side view showing the over all dimensions in mm



FOURFIVE