



keetronics[®]

(India) Pvt. Ltd.

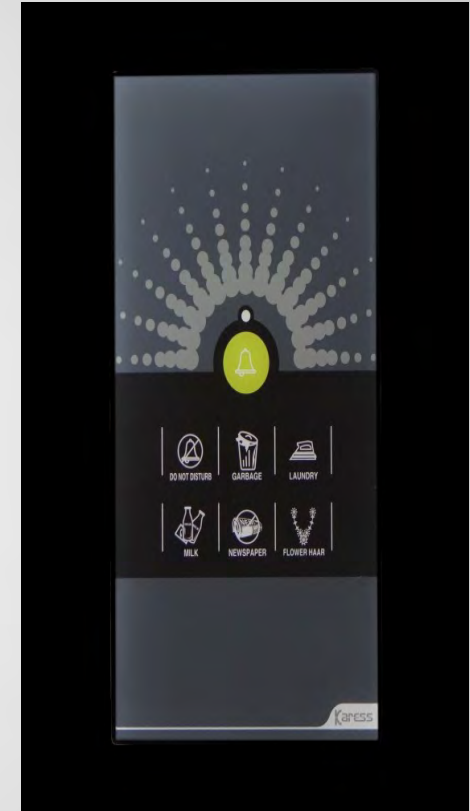
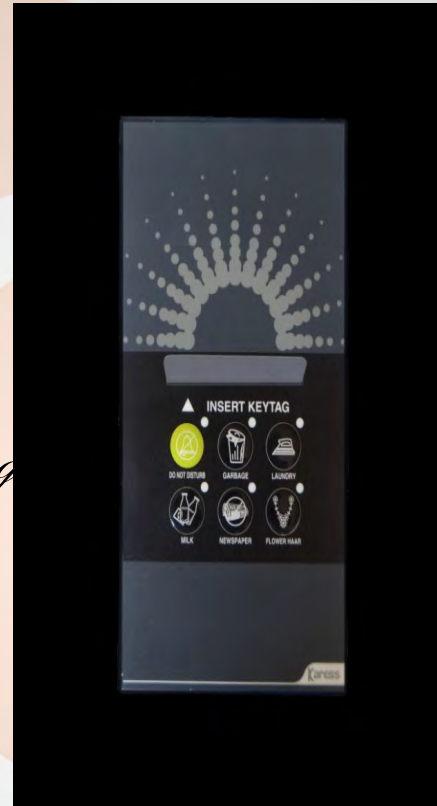
कीट्रॉनिक्स (इंडिया) प्रा. लि.

Home Energy Management System

Revision No. : 01

DT: 31-01-2014

*Simple and Elegant Home
management system with energy saving
solutions*



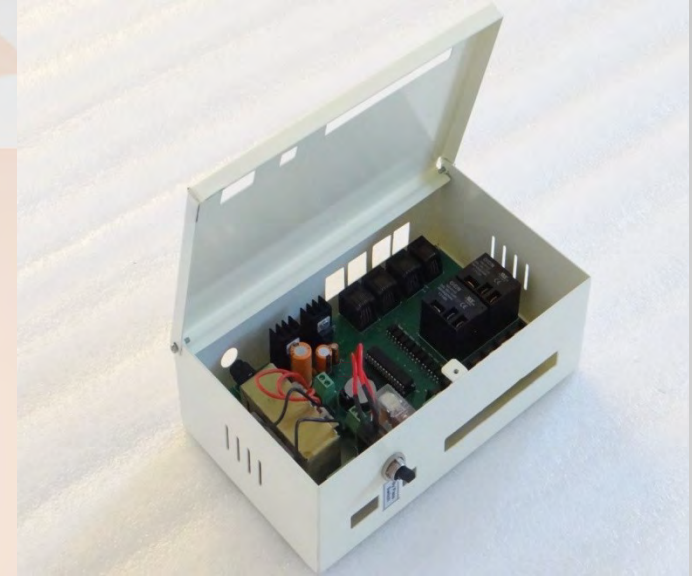
**Size :- 170 mm X 90 mm
(Length X Width)**

*The RCU is responsible for the controlling of all elements within the room.
It communicates with the central monitoring software and provides the status of the room.
It is an intelligent microprocessor based controller having the following features.*

*Micro-processor based system interface module.
RS485 connectivity*

The RCU is enclosed in metal enclosure or in a decent plastic enclosure, providing sufficient ventilation.

*The connection are based on RJ45 connectors
And can be comfortably done by a electrician.*



**Size :- 190 mm X 110 mm X 55 mm
Length X width X Height**

Input Power Supply

150 -250V AC, 50/60 Hz.

Fuse protection 750mA / 230 VAC

Supply Terminals

Phoenix contacts for both incoming phase and neutral.

Terminal Strips for Light Load connections.

Communication Protocol

RJ 45 Connectors for interfacing with the service & the Corridor Panel .

Operating Environment

0° to 45°C ambient temperature

0% to 90% RH non condensing

No. of Relay Channel outputs .

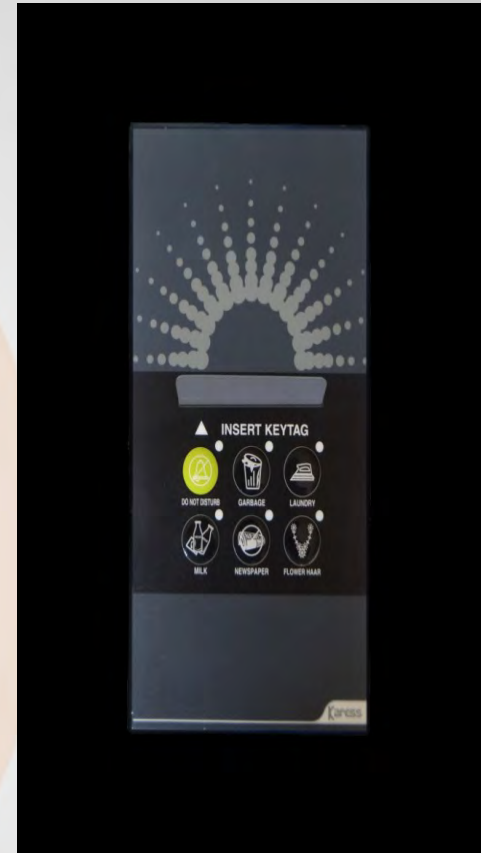
:- 2 X 20 A standard outputs can be configured as per requirements for AC control and Light Controls

:- 2 X 10 A for two lights on welcome .

:- 1 x 5 A for Door Bell

The Key Tag Holder is mounted inside the room generally in the corridor of the room adjacent to the main door. The cards can be inserted in the card holder upon entry into the room and the pre-programmed welcome scene will be activated.

When the key card is taken out, the entire load expect some specified will be turned off after a delay of 30 seconds. This delay is adjustable as per the requirement at the time of installation. Different cards are used to differentiate between maids and master . The key card holder is provided with a service panel which has switches for Laundry, Newspaper, Milk, Garbage, DND & Haarwala

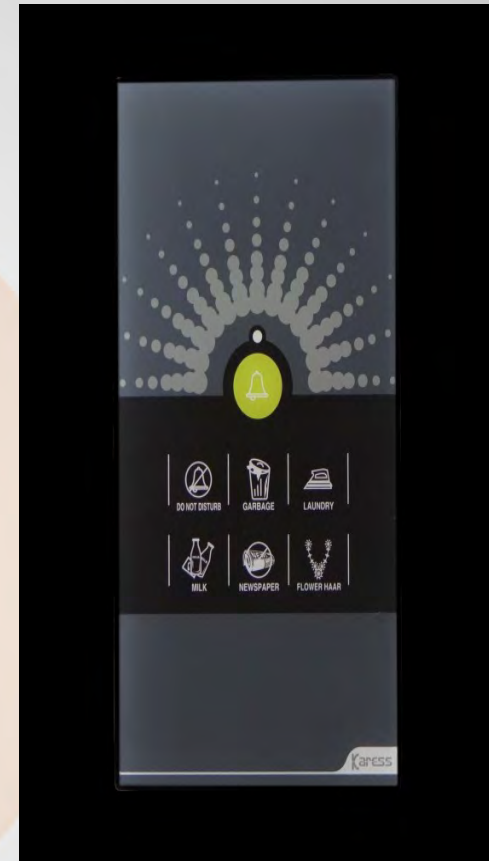


**Size :- 170 mm X 90 mm
(Length X Width)
Fitted into 4 Module conceal box**

The Corridor Panel is mounted outside the room. It has Laundry, Newspaper, Milk, Garbage, DND & Haarwala indicators and Bell Push. The indicators are turned on when the requests are send for the same by using switches on the internal service panel. On pressing the Bell Push the programmed music will be played inside the room.

When the DND is pressed from the service panel, all other functions/indicators and the Bell Push will be automatically deactivated.

The courtesy panel can be totally customized as per the home management desire.



**Size :- 170 mm X 90 mm
(Length X Width)
Fitted into 4 Module conceal box**

The Building automation is a unique service management system in an apartment or a society.



Customized for the services applicable in a apartment or a society, the display at the security helps the control over the service men and can easily identify intruders entering the building.

The required services can be triggered from the respective flats and the same will be indicated on the panel at the security guard making him manage the control with less efforts.

