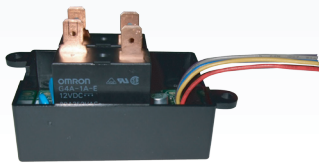


ECU-680PM Standalone Power Saving Controller

RLY-66 Energy Saving Relay



ECU-680



RLY-66

Features

- Provide 8 time zones and schedules.
- Memory capacity 1024 cardholders / 800 events.
- Provide 4 time conditional unlock door schedules.
- Slim and stylish outlook with embedded designed.
- LED indicator design, it allow users to find controller location in the night.
- Unique ID or Block reading format supported and programmable key value.
- Provide valid card with configurable valid period, duration and usage frequency.
- Communication via RS-485. (ID setting by dip switch, able to expandable to 255 sets. ID setting by software, able to expandable to 65,535)
- Built-in RTC and watchdog program ensures accurate time and system free from halting.
- Support standalone operation. (Add or delete card with Master card/code from the machine)
- Programmable power off time after take out card (0-65,535 seconds) and power off warning time (0-255 seconds).
- Provide 1 relay input for infrared detector which may detect state and power off automatically once no users.

Ordering Information

Package Content:

- ECU-680PM x 1
- Quick Start Guide x 1
- Accessory Pack x 1

Supported Software:

- HEMS-68 Management System

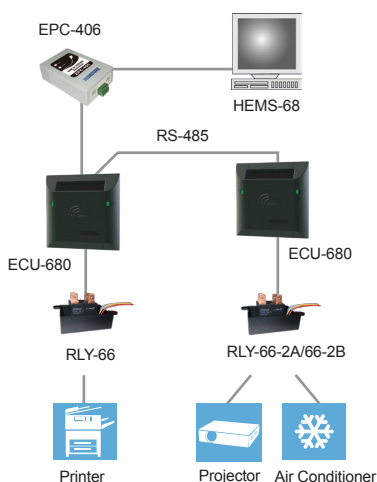
Optional Accessories:

- AC-DC Adapter
- EPC-406 USB to RS-422/485 Converter
- RLY-66 Energy Saving Relay

Specifications

Model No.	ECU-680	RLY-66 / 66-2A / 66-2B
Input Ports	1 sensor	-
Output Ports *	RLY-66: O.C. Output x 1	O.C. Output x 1 (RLY-66) O.C. Output x 2 (RLY-66-2A, RLY-66-2B)
Cardholders / Events	1,024 / 800	-
LED Indicator	Comm./Status, Plug Card Lighting	Power
Real Time Clock	Yes	-
Beep Tone	Buzzer	-
ID Setting	DIP switch setting	-
Read Format	13.56 MHz (MIFARE® 1)	-
Read Range	3~5 cm (max.)	-
Power Input	DC 12V / 1A	DC 12V / 1A
Current Consumption	250mA (max.)	120mA (max.)
Comm. Interface	RS-485	-
Comm. Baudrate	19,200 bps-N-8-1	-
Operating Temp.	-10° C ~ 70° C / 14° F ~ 158° F	-10° C ~ 55° C / 14° F ~ 131° F
Relative Humidity	20% ~ 80% (Non-condensing)	20% ~ 80% (Non-condensing)
Dimension (mm)	86(L) x 86(W) x 27(H)	62(L) x 45(W) x 45(H)
Weight	170g	108g

System Architecture



* RLY-66 and controlled equipment should consider electrical characteristics and power specifications of controlled equipment and install proper electrical switches.