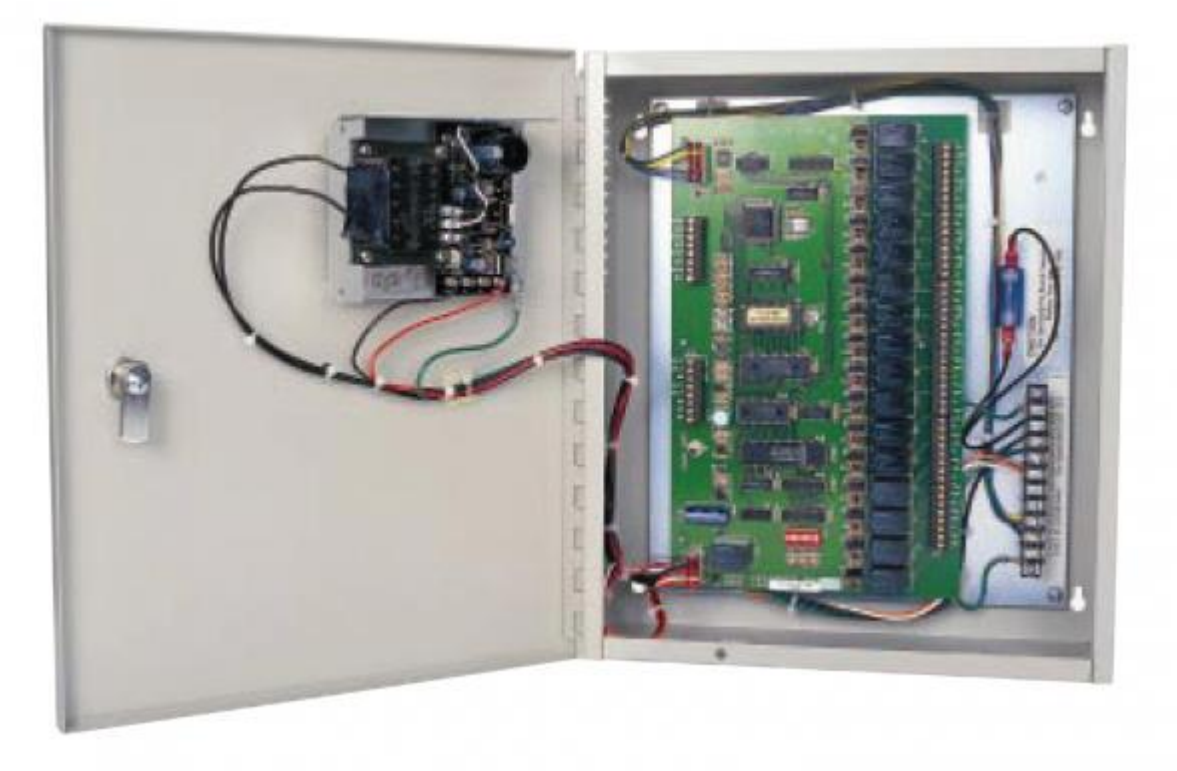
Elevator Control Unit ECU



The ECU (Elevator Control Unit) is the device that interfaces between the SCU and the ECDs. Each ECU has 16 built-in relays to control elevator functions. Up to 4 ECUs can be connected to a single SCU, giving the Millenium system the capability of controlling up to 64,000 floor relays.

Features:

- Controls as many as 10 elevator cars and 64 floors when four units are cascaded on a single SCU.
- 10,000 user capacity. When four units are connected together on a single SCU, 40,000 users are available.

Model/Part #: EC2-101190

Product Description

Input Power Requirements:

- 120 VAC input on a 2 Amp unswitched dedicated circuit (EC2-101190)
- For international power requirements there is a 240 VAC model available (EC2-101191)

Programmable Relays:

- Each ECU employs 16 programmable single pole, Form C relays that are rated for 5 Amps at 24 VDC

All Events History Buffer:

- 2000 events, stored in RAM memory with a minimum of 24 hours backup

Alarm Monitoring:

- Monitors up to 4 independent Normally Closed (nonsupervised) alarm inputs. The circuit must have a break time of at least 500ms for the alarm to trigger

Priority Event Buffer:

- 100 software selectable priority events (alarms, com fail, etc) These events are stored on-board if the ECU is off-line with the host computer. Stored events are sent to the host computer once communications are re-established

Cover Tamper Switch:

- On-board integrated tamper switch

Fuse Protection:

- A 2 Amp slow blow fuse protects the AC input

Keyswitch Override:

- Used by Fire Department personnel to override the access control system during an emergency

Operating Temperature:

- 14° to 104°F (-10° to 40°C) less than 90% non-condensing humidity

Dimensions:

- 14.25” X 12.25” X 4.25” @ 20lbs
- 36.2 X 31.1 X 10.8 cm @ 9.1kg

Certification / Listing:

- UL 294