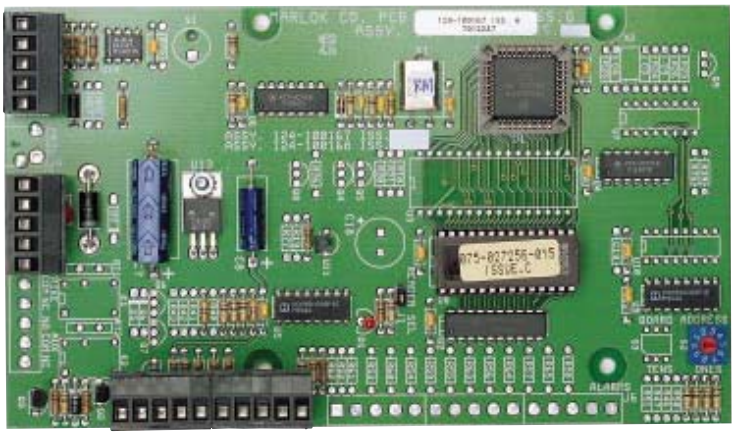
Elevator Control Device (ECD)



Application

- The ECD (Elevator Control Device) allows a key/card reader to communicate with the Elevator Control Unit (ECU) in order to control elevator access.

Features

- Supports Wiegand card reader protocols, configurable from 0-50 bits; magnetic stripe technologies ABA/ ISO Track 2 with configurable data bits; Marlok™ optical key protocol
- The ECD communicates using a supervised, home-run wiring configuration to the ECU
- Up to 10 ECDs can be connected to a single SCU unit, with maximum architecture of 10,000 ECDs per system

Specifications

Power Requirements:
- 9-14 VDC, supplied by a 9VDC class II plug-in transformer; Current consumption is 50mA nominal, and 100m maximum

Circuit Protection:
- Input power is protected from reverse polarity, over-voltage and transient surges

ECD Device Communications:
- A twisted pair, home run, RS-485 polling scheme is used to communicate from the ECD to the ECU

Cover Tamper Switch:
- On-board integrated tamper switch

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

Dimensions:
- 4.25" X 7.35" @ < 1lb
- 10.8 x 18.7cm @ < 0.45Kg

Certification / Listing:
- UL 294

Model #	Picture	Description
149-101179		Elevator Control Device (ECD)
060-101025		Standard Back Box

Model #	Picture	Description
041-100992		Back Box with Lock Cover

See page 18 for enclosure specifications

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