



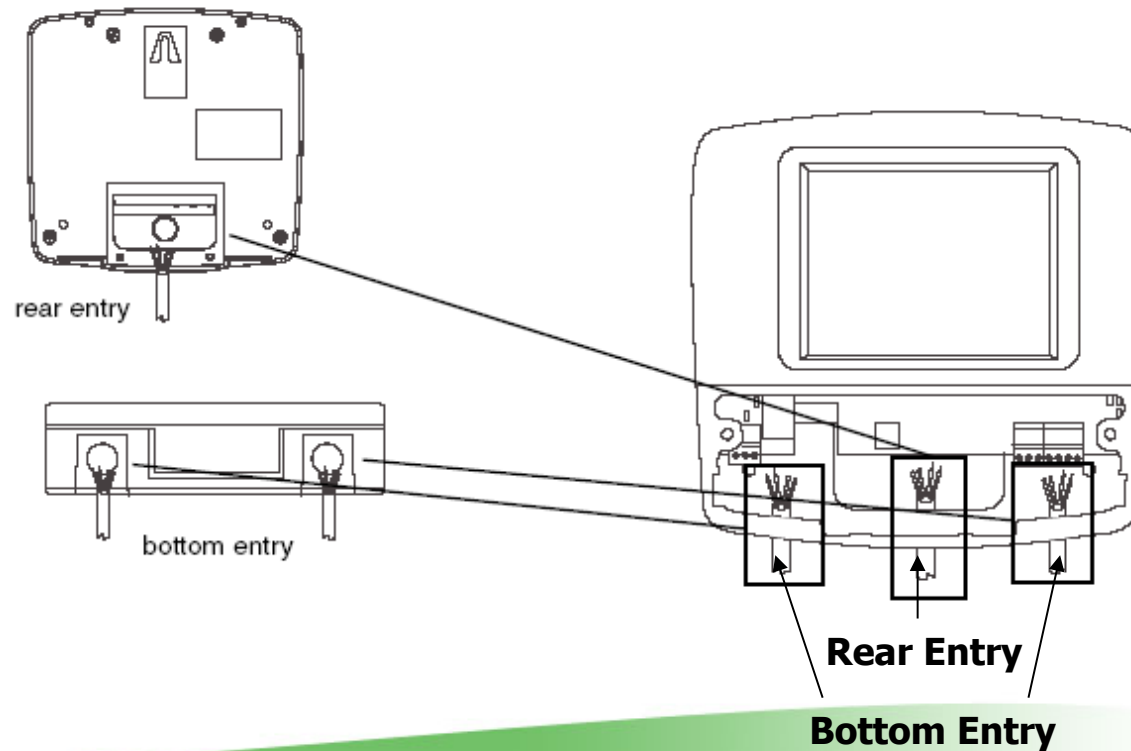
Local Control Interface (LCI2)

Hardware Overview



Hardware Overview

- LCI-2 Wiring View

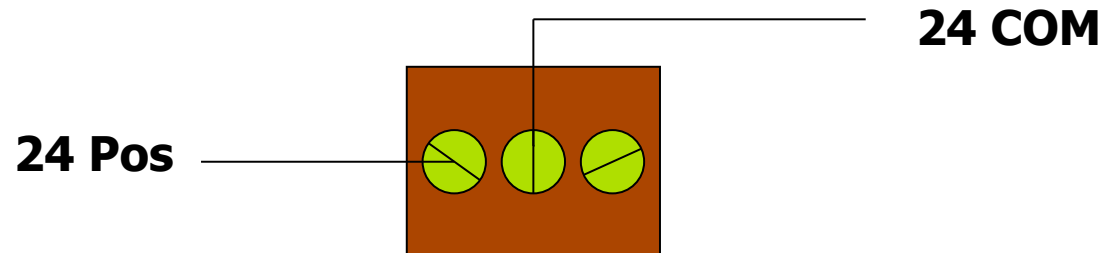


Hardware Overview

- How to change the coin type battery
 - Remove wiring cover from LCI-2
 - Battery holder is located at extreme right side of PC board
 - Remove old Battery
 - Slide Battery with positive (+) side up under the clip and into the holder

Hardware Overview

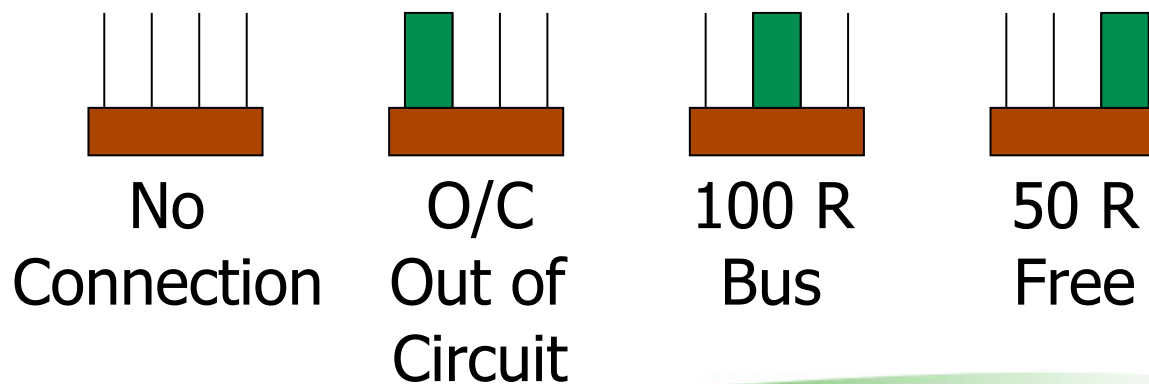
- Powering the LCI-2
 - Power with 24 AC or 28 – 36 VDC
 - Connect to COM and +IN pins
 - Power Consumption 24 VA
 - 14-20 AWG recommended



Hardware Overview

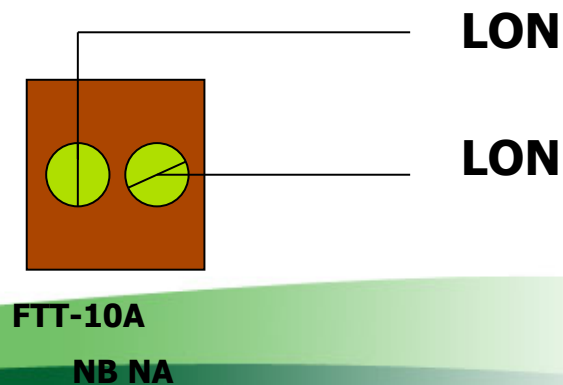
- Setting the network termination resistance (J33)
 - Three options: Out of Circuit, 50 ohm or 100 ohm

J33 connection options



Hardware Overview

- Network Connection
 - Use Level 4 cable, 22 AWG Twisted Pair
 - Polarity insensitive
 - Maximum distance 500 meters, 1640 feet
 - Maximum node-to-node distance 400 meters, 1312 feet

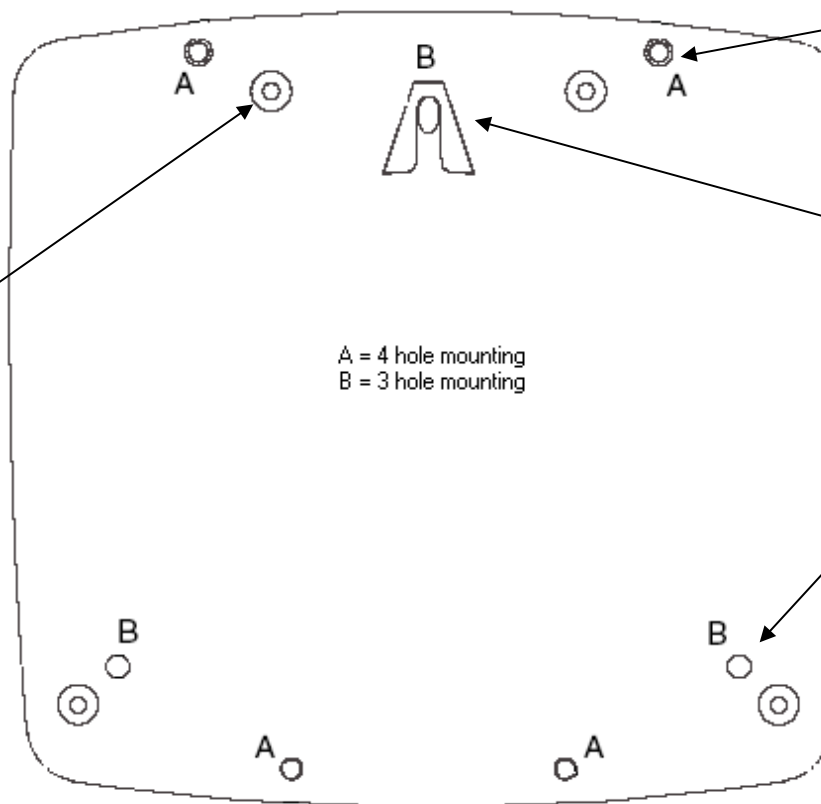


Hardware Overview

- Mounting holes and slots

Rear View of LCI-2 enclosure

Screws securing 2 part enclosure Together. Total 4 screws



Threaded mounting Holes, total 4. Use For rear panel mounting

Mounting slot, use For wall mounting

Mounting holes, use For wall mounting, Total 2

LCI-2 Controller Features

- **Microsoft® Windows CE based**
- **Microsoft® .NET software technologies**
- **63 controllers per LCI-2**
- **16 Schedules**
- **50 holiday days or periods**
- **16 groups**
- **500 alarms**
- **4 trends (12 points total, 3 per trend)**

LCI-2 Features

- Remote LCI's
 - 64 LCI-2s
 - virtual touchscreen to other connected LCI-2s
- Built-in remote access
 - Ethernet / Internet
 - filtering of email alarms
- Firmware upgrades via SD card or CF card
- Database archive & restore via SD card or CF card

Commissioning the System

- Depress the service pins on each controller
- Ensure each controller appears in the LCI-2s Controllers list
- Controllers that do not appear need to be troubleshot (Power & Network wiring)
- If controllers appear with the message '**Communications Failed**' there is a communications problem with that controller

Commissioning the LCI-2

- Set time and Date
- Define new Login Parameters
- English or Metric units
- Set or disable Daylight savings time

Commissioning the System

- After controllers are communicating
 - Set the configuration parameters
 - Use copy feature for similar controllers
 - Perform a point to point checkout
 - Configure the LCI-2 (Groups, Schedules, etc.)
 - Backup the System using a SD card or CF card

Hands On

- Commissioning the LCI-2
- Commissioning the Nodes
- LCI-2 screen overview