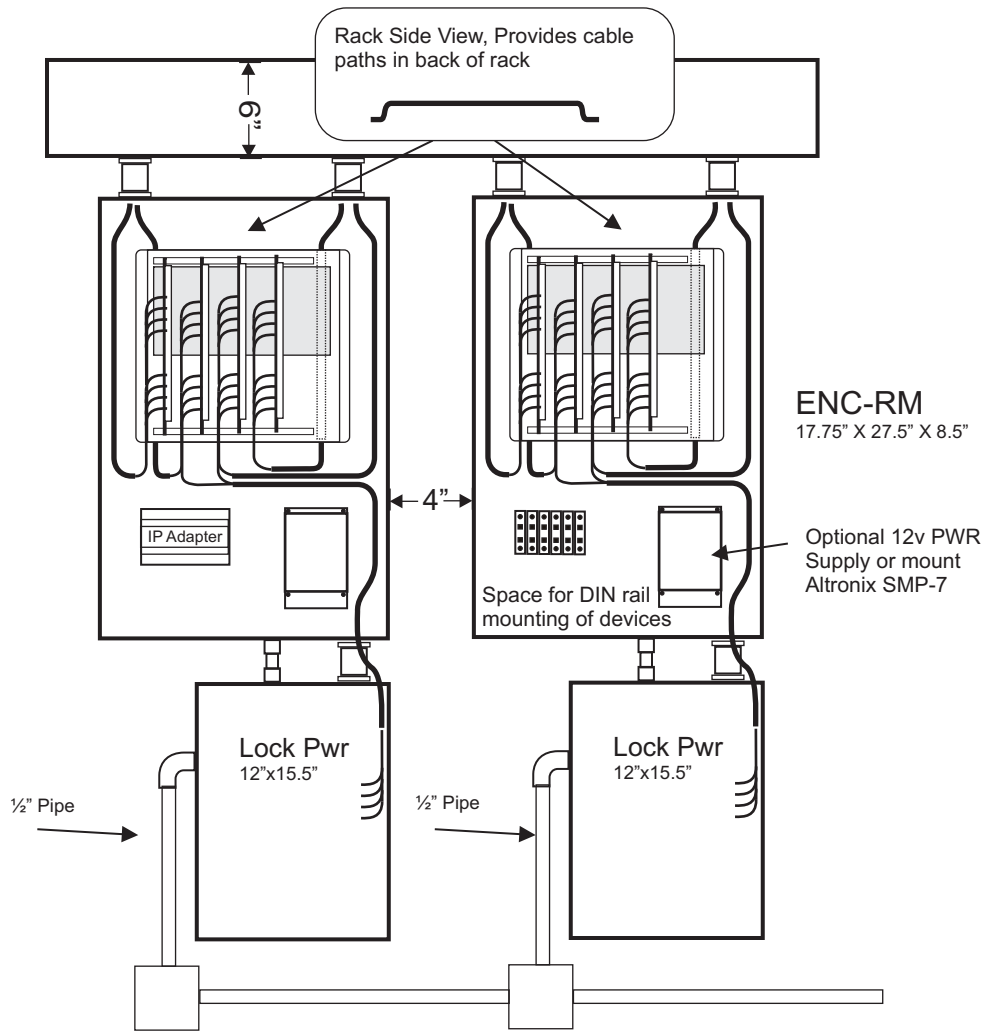


## Sample Wall Rack Configuration



110-220V 20 AMP CIRCUITS Scale 1 inch = 1 foot

## Available Controllers for Rack Setup

- MAC-4Rx (12 or 24v)
- MAC-2Rx (12 or 24v)
- MLC-32i (12v Only)
- MLC-16r (12v Only)
- MLC-8ic (12v Only)
- ETECH-HC0826 (IC Master 12v)

## Enclosure Part Numbers

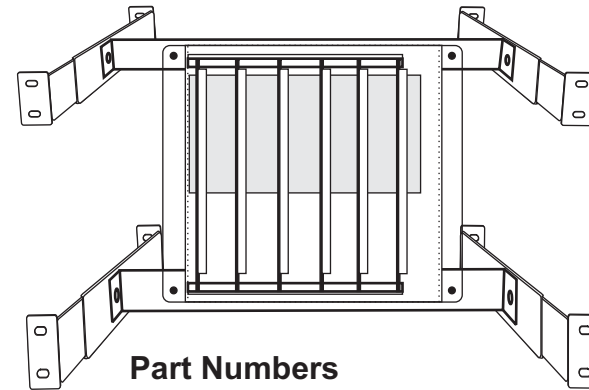
- ENC-RM (17.75" x 27.5" x 8.5") Enclosure with BP-6 Cage)
  - PWR-SPS-6.5-12v (6.5 Amp Pwr Supply for 12v controllers)
- The MAC-4Rx and MAC-2Rx can run off the 12 or 24v lock power supply. Mounting studs in the enclosure also support an Altronix SMP-7 power supply.

## IP Adapters

- LT-EA-10
- LT-IZOD

Only (1) IP adapter is required for every 30 controllers  
Up to 400m Cable can be run between racks

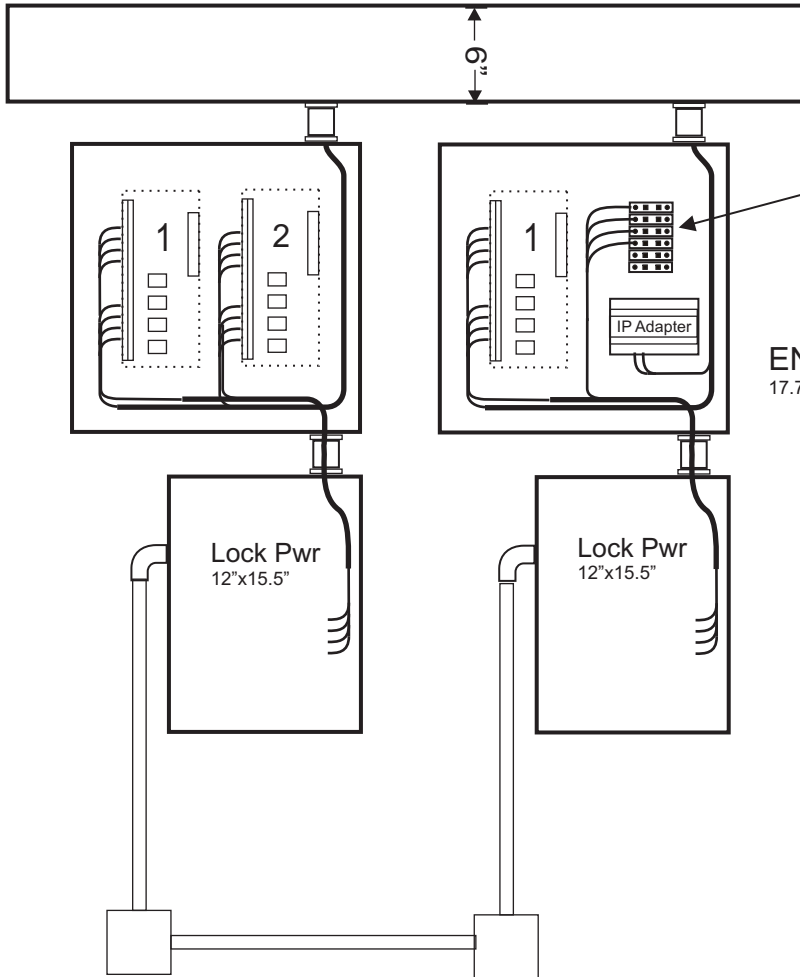
## 19" Rack Configuration



## Part Numbers

- BP6-Cage
- 19-Rack-Rails
- BP1 Back Plate for Power Supply (If needed)  
(Connects opposite side of Cage)

## Sample Wall Configuration



2-Pair or Cat-6 Cabling to field, brings comm, pwr and lock pwr to field devices.

Cabling to remote controllers is illustrated on next page.

**ENC-4R**  
17.75" X 17.75" X 4.5"

### Remote Controllers MLC-RIO, Remote I/O

Overall size (5.4" x 2.4" x 1.3")

- 2 - Inputs
- 2 Dry C Outputs
- Fused @ 5 amps
- 2 - Audio Relays
- 2 Call inputs
- 12 or 24vdc Power

### MAC-RDC, Remote Door Controller

Overall size (5.75" x 3.7" x 1.3")

- 1 Reader
- 20,000 cards
- 2 - Inputs
- 2 Dry C Outputs
- Fused @ 5 amps
- 2 - Audio Relays
- 2 Call inputs
- 12 or 24vdc Power

110-220V 20 AMP CIRCUITS

## Available Controllers for ENC-4R

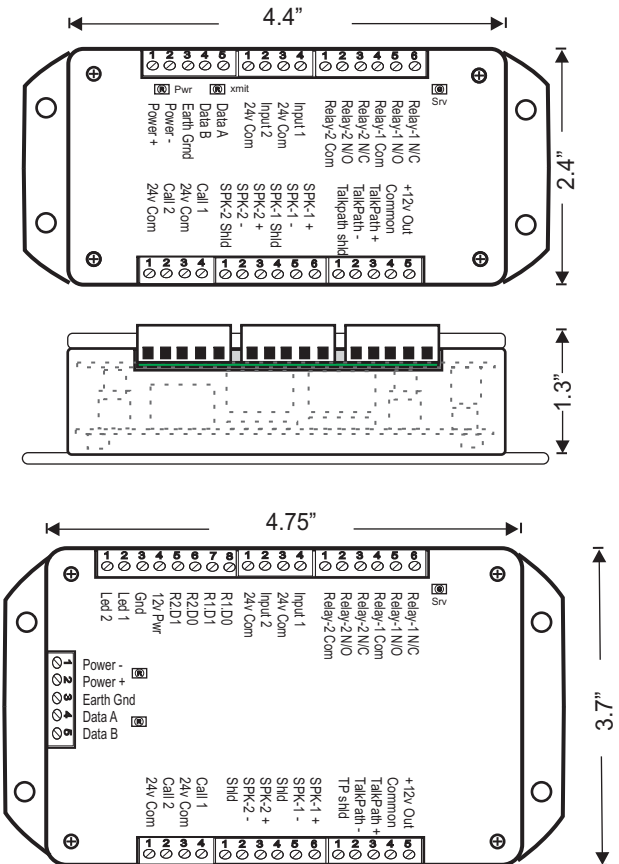
- MAC-4Rx (12 or 24v)
  - MAC-2Rx (12 or 24v)
  - MAC-4R (16 -28v AC or DC)
- 32i, 16r, and 8ic controllers must be Rack Mounted.

## Enclosure Part Numbers

- ENC-4R (17.75" x 17.75" x 4.5")
- The MAC-4Rx and MAC-2Rx can run off a 12 or 24v lock power supply.

## IP Adapters

- LT-EA-10
- LT-IZOD

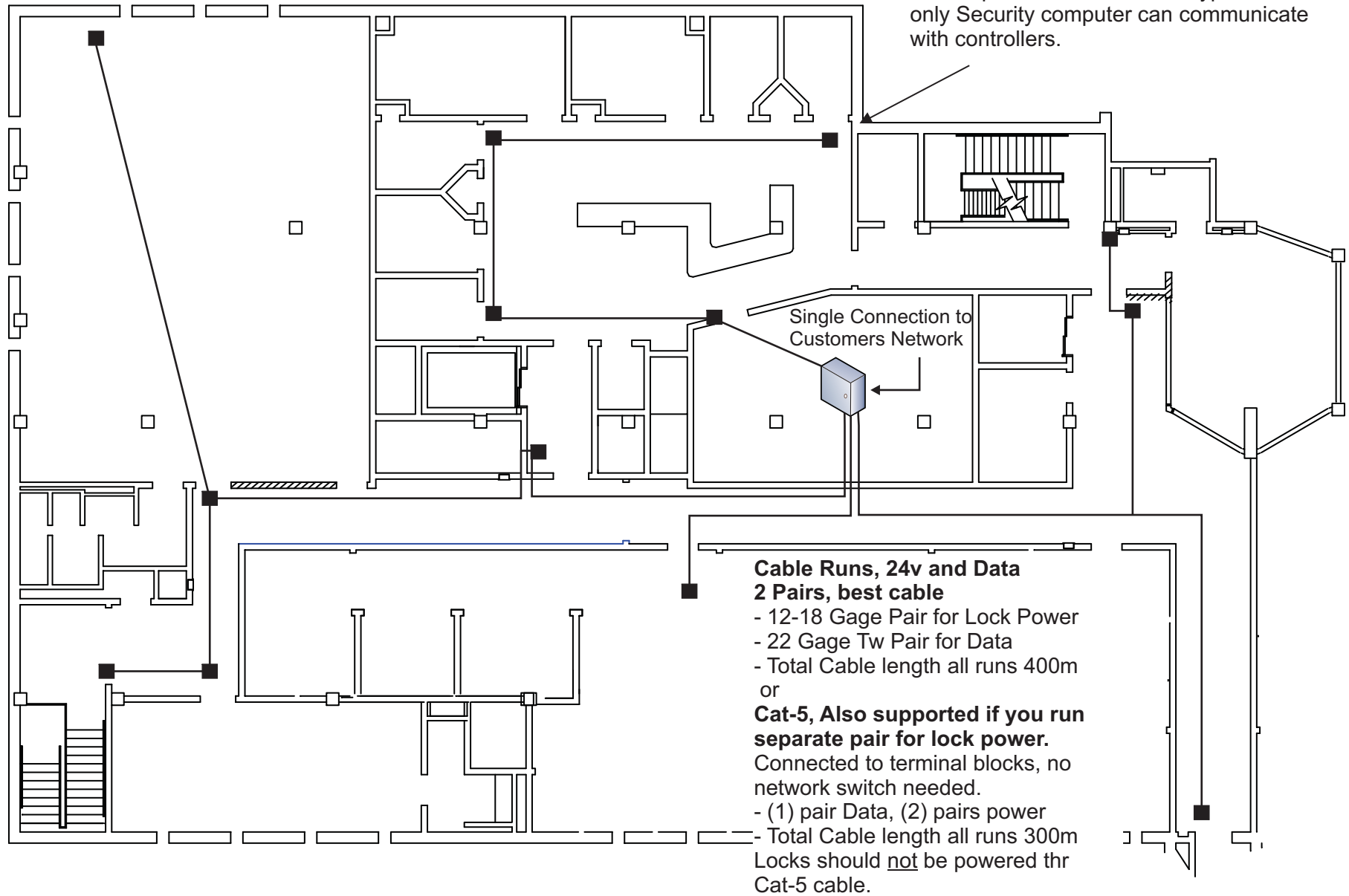


## Distributed Architecture, with Echelon Sub-Network, Free-Topology Cabling

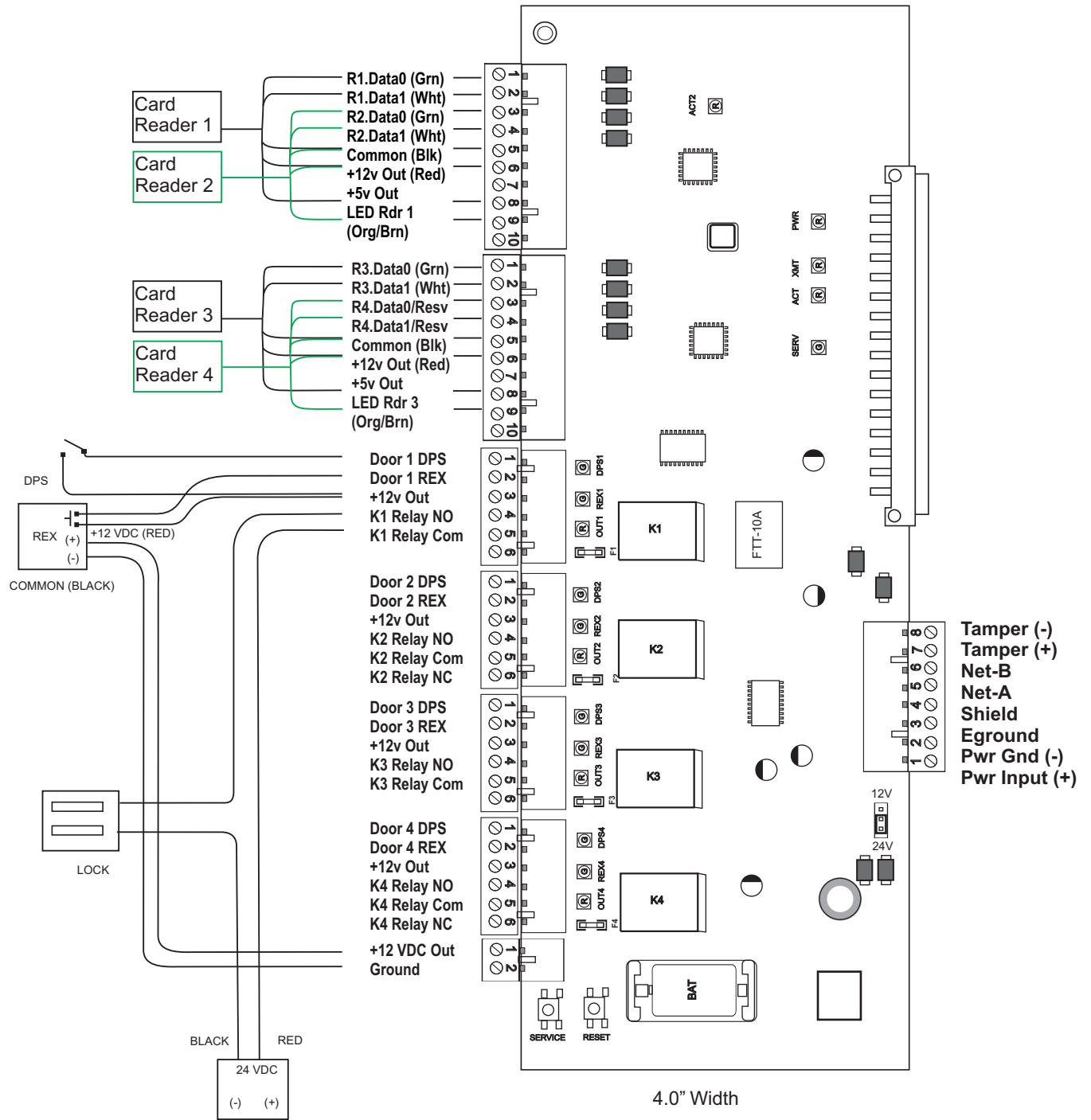
- Remote Door or I/O Controllers

All remote control panels could be IP addressable, but you would lose a huge advantage.

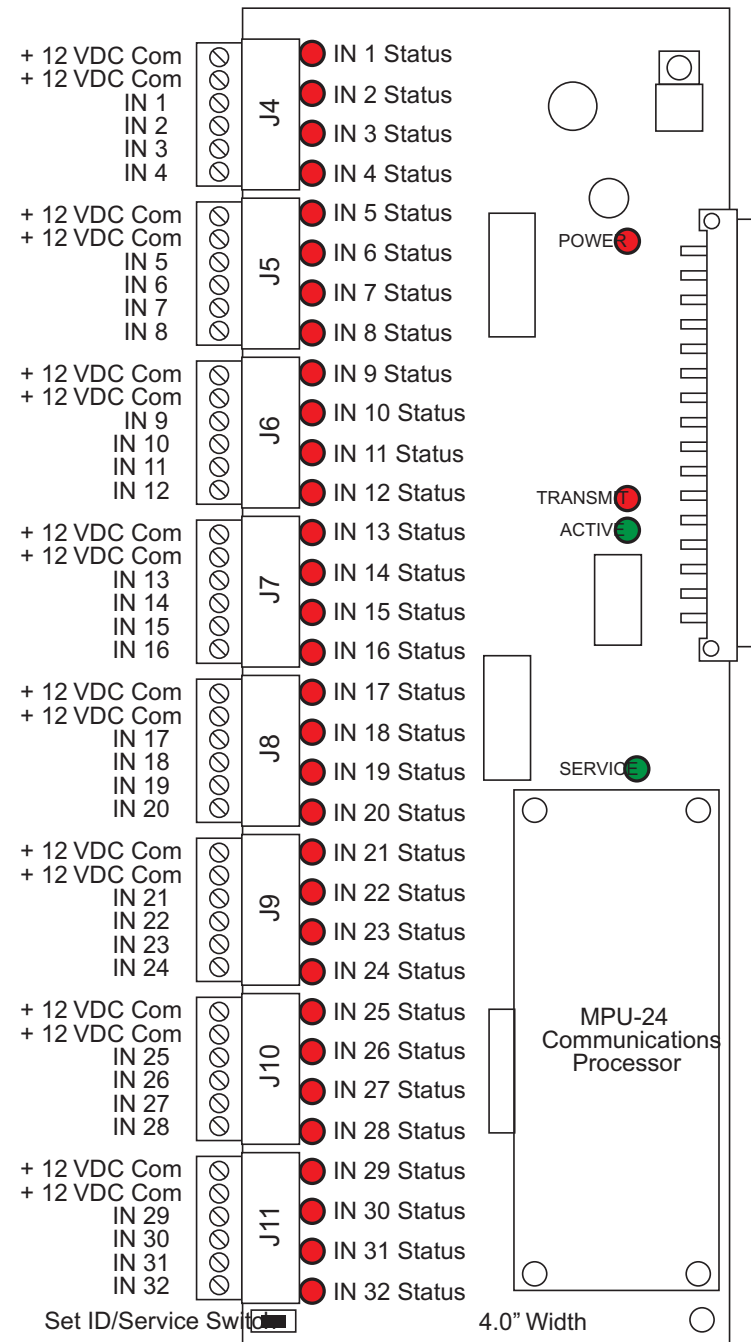
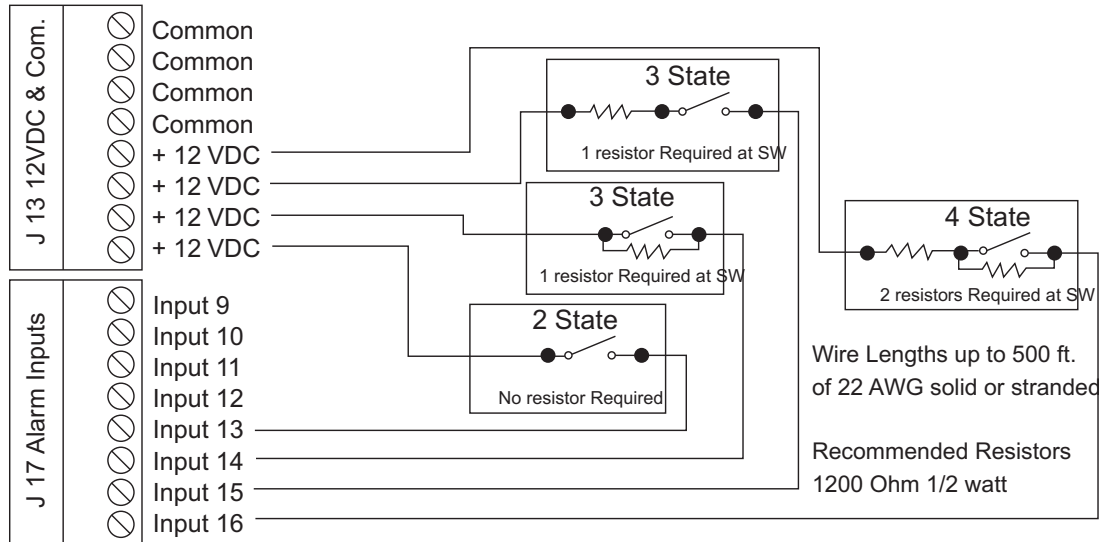
Echelon Network is the secure connection. Although this is on the customer network, no one can talk to the control panels. All data is encrypted and only Security computer can communicate with controllers.



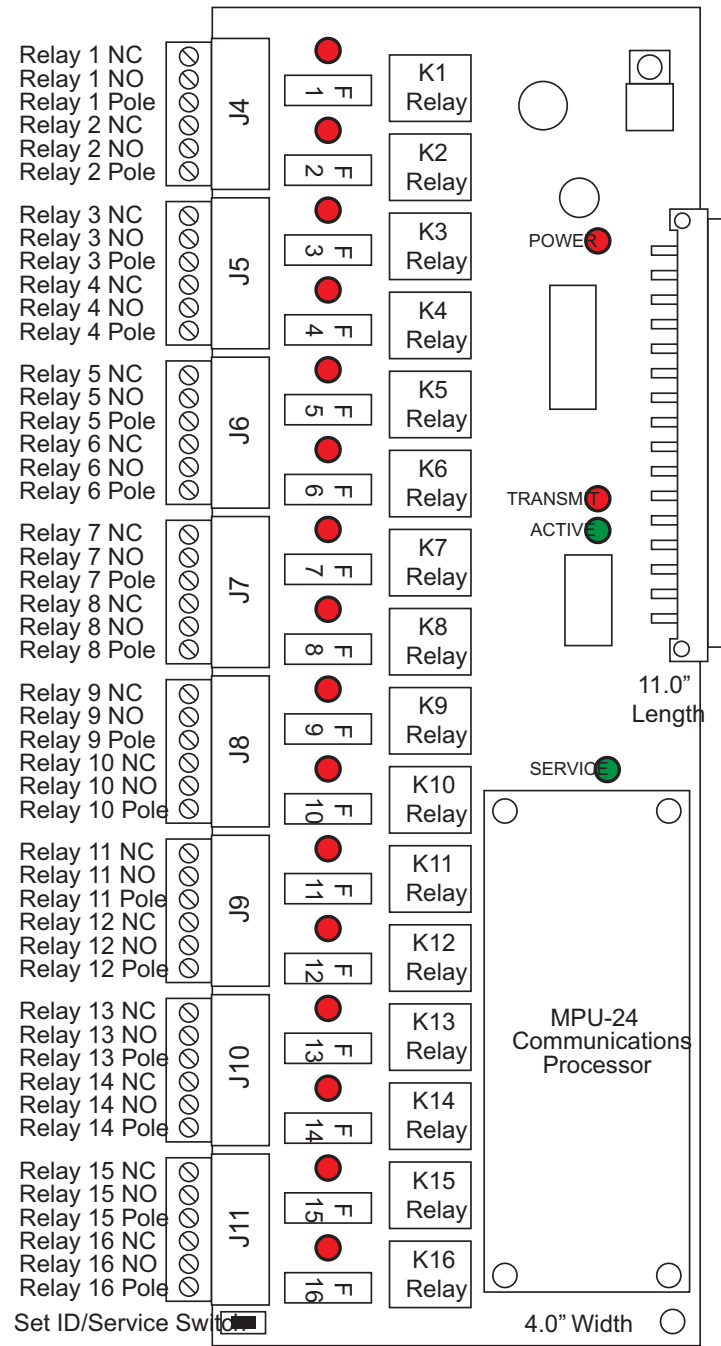
# MAC-2Rx, MAC-4Rx Typical Riser



# MLC-32i Typical Riser



# MLC-16r Typical Riser



# MLC-8ic Typical Riser

