

Elevator Electrical Requirements

By General Contractor/Owner

Each residential elevator requires three (3) items from **your** electrician and telecommunications contractor(s). They are as follows:

1. One (1) 120V 15 Amp Fused Disconnect or Circuit Breaker, as outlined, for cab lighting.
2. One (1) 220V 30 Amp Fused Disconnect, as outlined, below for main power supply **or** 3 pole fused disconnect.
3. One (1) telephone line with 10' pigtail.

PLEASE BE ADVISED THAT POWER ON THE 220V LINE MUST BE A 10-3 WIRE WITH A GROUND AND INSURE THERE IS A DEDICATED NEUTRAL TO THE UNIT.

Recommended Manufacturers

Square D

- 220V Disconnect Model # H221N-240V-30 Amp
with Interlock Kit-EIK031 Aux Contacts (Normally Opened/Normally Closed)
Plus two each – 250V, 20 Amp, RK5 Fuses
- 120V-15 Amp Fused Disconnect or Circuit Breaker

Siemens

- 220V Disconnect Model # HF221N-240V-30 Amp
with Interlock Kit-HA161234 Aux Contacts (Normally Opened/Normally Closed) **Plus** two each 250V, 20 Amp, RK5 Fuses
- 120V-15 Amp Fused Disconnect or Circuit Breaker

G.E.

- 220V Disconnect Model # Th3221-240V-30 Amp
with Interlock Kit –THAUX21D Aux Contacts (Normally Opened/Normally Closed) **Plus** two each 250V, 20 Amp, RK5 Fuses
- 120V-15Amp Fused Disconnect or Circuit Breaker

PLEASE BE ADVISED THAT POWER ON THE 220V LINE MUST BE A 10-3 WIRE WITH A GROUND AND INSURE THERE IS A DEDICATED NEUTRAL TO THE UNIT.

Explanation: The 220V feed should have a black, red, white and ground wire coming to the machine room. All electrical contractors will have full knowledge of this requirement. Simply insure they are aware of the requirement, Black and red are powered with 110V, each totaling 220V. White is neutral to feed low voltage transformer with 110V. Ground to ground standard.

Also, standard telephone line should be pulled to machine room with approximately ten feet extra length inside machine room. If further explanation or clarification is needed, please call Southeastern Elevator @ (252) 725-1235.