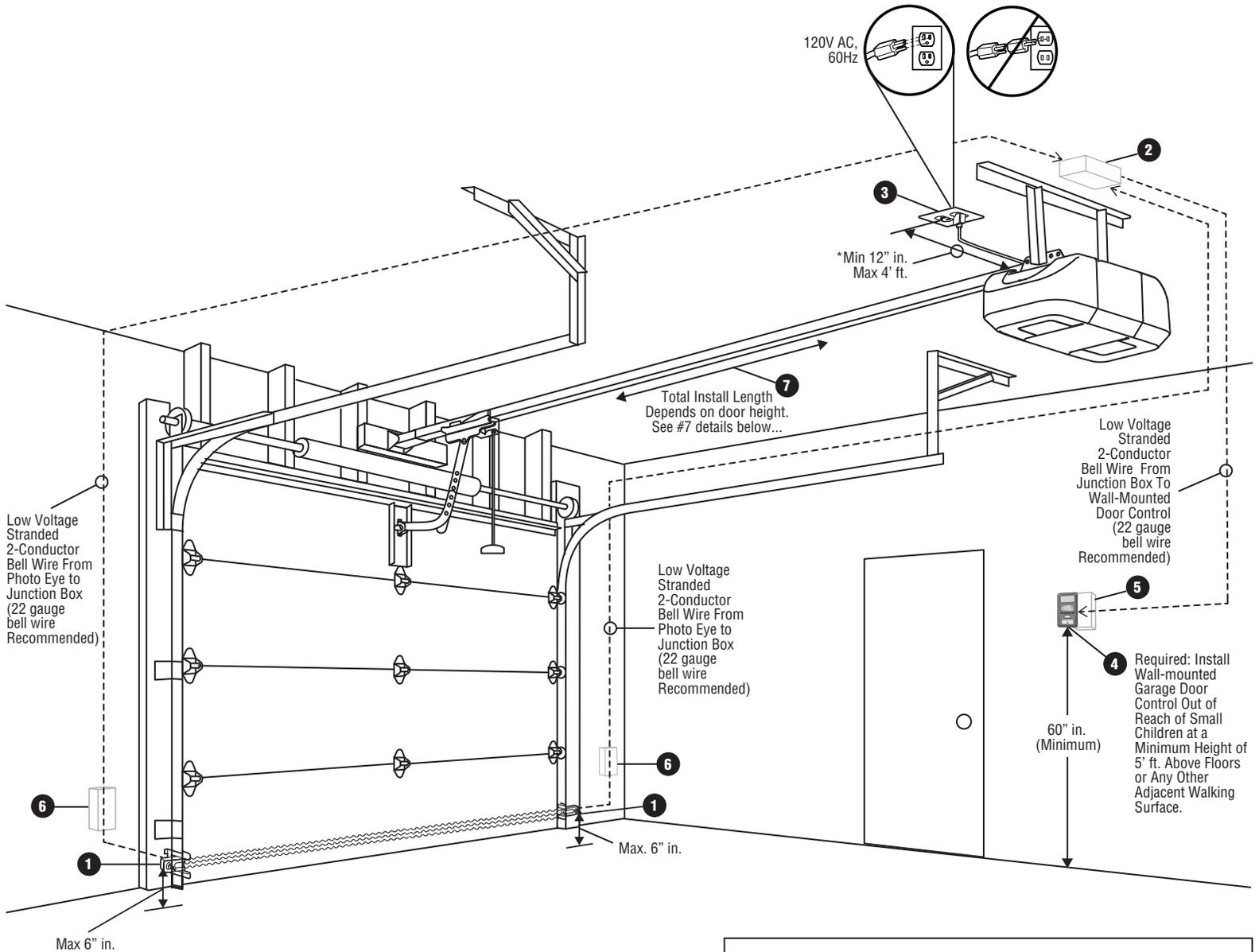


# Wiring Diagram For Rail Trolley Garage Door Operators



1. Safety Sensors (Installed 6" In. Max Above Floors)
2. Gang box for all wires (Located Behind Opener)
3. \*Grounded Outlet (Min. 12' in. Away From Opener, Max 4' ft.)
4. Door Control (Min. 60" in. Above Floor)
5. Door Control Gang Box - (Door Control Can be Mounted to the Junction Box).
6. Safety Sensor Junction Box, Behind Sheetrock (With Junction Box Cover on Wall)
7. Overall Opener Installation Length From the Front of the Door to the Bracket to Mount the Garage Door Opener:
  - 7 Foot Door Height = 124" in.
  - 8 Foot Door Height = 136" in.
  - 10 Foot Door Height = 166" in.

**Legend**  
 --- Low voltage stranded 2-conductor bell wire, minimum 22 AWG

**Notes:**  
 Junction boxes for low voltage wiring for the garage door accessories ideally will be in a plastic gang box with a coaxial cable cover plate. Allow 2' ft. of extra wiring at the photo eye junction boxes and 3' to 4' ft. of extra low voltage wiring near the operator low voltage wiring junction box.

Junction boxes for wall station ideally will be in a plastic gang box. LiftMaster Wall-Mounted Garage Door Control will screw into a gang box and act as a cover.

Multiple door gang boxes must be 2" in. apart. Junction box in ceiling by operator should be 1' ft. off-set and ideally should be in a plastic junction box with a coaxial cable cover.

Wires can come directly out of wall, but for best finish install junction boxes as noted above.

Dotted line wire depicted above can be stapled to wall or ran behind sheetrock and does not require conduit.

\*Cord length varies from 4'-6' ft. depending on model of garage door opener. Minimum of 12" in. is required between operator and electrical outlet.

**Compliance with the NEC**  
 It should be noted that placement of wiring should comply with the applicable provisions of the National Electrical Code (NEC), and/or state and/or local requirements, that govern the project being undertaken.

**Important NEC Information**  
 Do not run any low voltage control wires close to the 120-volt power line. Do not run any wires through the same holes as the 120-volt power line in studs or cross ties. Either of these conditions will not comply with the NEC and may interfere with safe operation of the garage door operator.