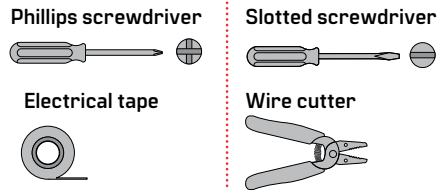


ELR-150 Power Supply Installation Instructions

TOOLS NEEDED:



System Requirements for ELR-150 Power Supply

Minimum:

- One ELR-150 power supply, one CM-150-08 control module

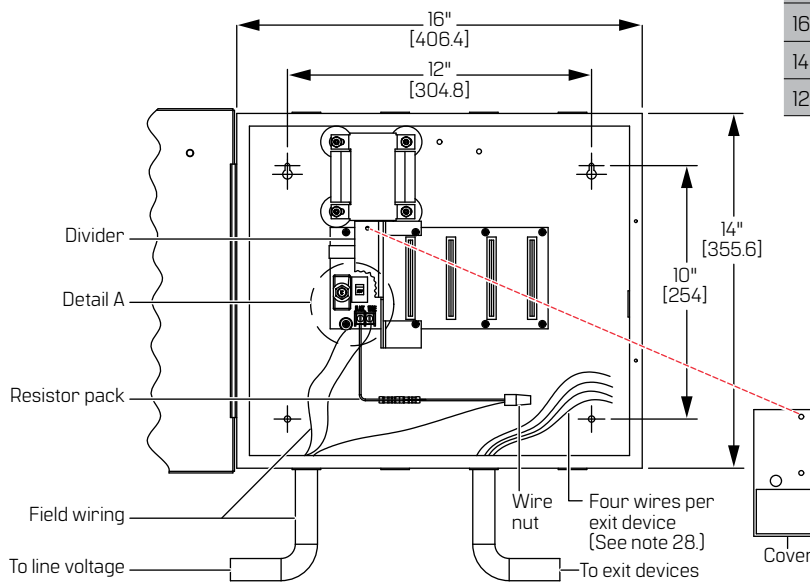
Maximum:

- One ELR-150 power supply, four CM-150-08 control modules and one BT-150-07 battery backup module

Maximum wire run

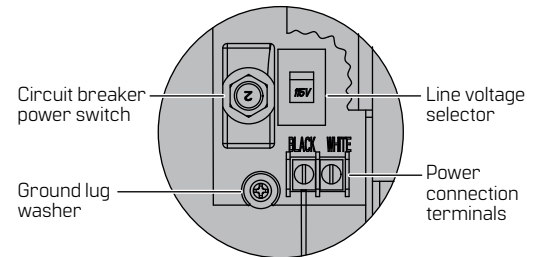
Wire gauge	With 22 gauge power transfer	With 28 gauge power transfer
16	75' [22.86 m]	55' [16.76 m]
14	125' [38.10 m]	75' [22.86 m]
12	200' [60.96 m]	-----

OVERVIEW



Not to scale. Measurements are for reference only.

Detail: A Scale: 0.75



1 DISCONNECTING POWER

- 1.1 Disconnect power and use only with Precision hardware devices.

2 MOUNTING ENCLOSURE

- 2.1 Mount enclosure to wall using provided dimensions.

3 DETERMINING WIRE RUN

- 3.1 Assess wire routing from each door to power supply, ensuring wires enter through electrical knockouts. See maximum wire run chart in Overview.
- 3.2 After determining wire run, install two black wires and two white wires of proper gauge.

4 SELECTING LINE VOLTAGE

- 4.1 Input voltage must be 115 VAC (1.2 AMPS, 50/60 Hz) or 230 VAC (0.7 AMPS, 50/60 Hz).
- 4.2 Set line voltage selector to either 115 VAC or 230 VAC based on input voltage. See "Detail View A" in Overview.

5 CONNECTING GROUND

- 5.1 Connect ground wire by clamping it underneath ground lug washer. See "Detail View A" in Overview.

6 CONNECTING POWER

- 6.1 Connect resistor pack to power connector terminal labeled "black." See "Detail View A" in Overview.
- 6.2 Use wire nut to connect "hot" black wire to resistor pack wire.
- 6.3 Connect "neutral" white wire to power connector terminal labeled "white." See "Detail View A" in Overview.

7 MOUNTING COVER PLATE

- 7.1 Mount cover plate using two #8-16 X 3/8" [9.53] PPHSMS screws provided, along with circuit breaker mounting nut.

8 POST-INSTALLATION WIRING

- 8.1 For wiring exit devices, see Control Module Installation Instructions, T93665.
- 8.2 For wiring battery backup module, see Battery Backup Installation Instructions, T93669.



Document translations available.

Scan for product details and downloads.

Call 1-800-392-5209 or visit
<https://dhwsupport.dormakaba.com/hc/en-us>
for assistance and warranty information.

⚠ WARNING! This Manufacturer advises that no lock can provide complete security by itself. This lock may be defeated by forcible or technical means, or evaded by entry elsewhere on the property. No lock can substitute for caution, awareness of your environment, and common sense. Builder's hardware is available in multiple performance grades to suit the application. In order to enhance security and reduce risk, you should consult a qualified locksmith or other security professional.