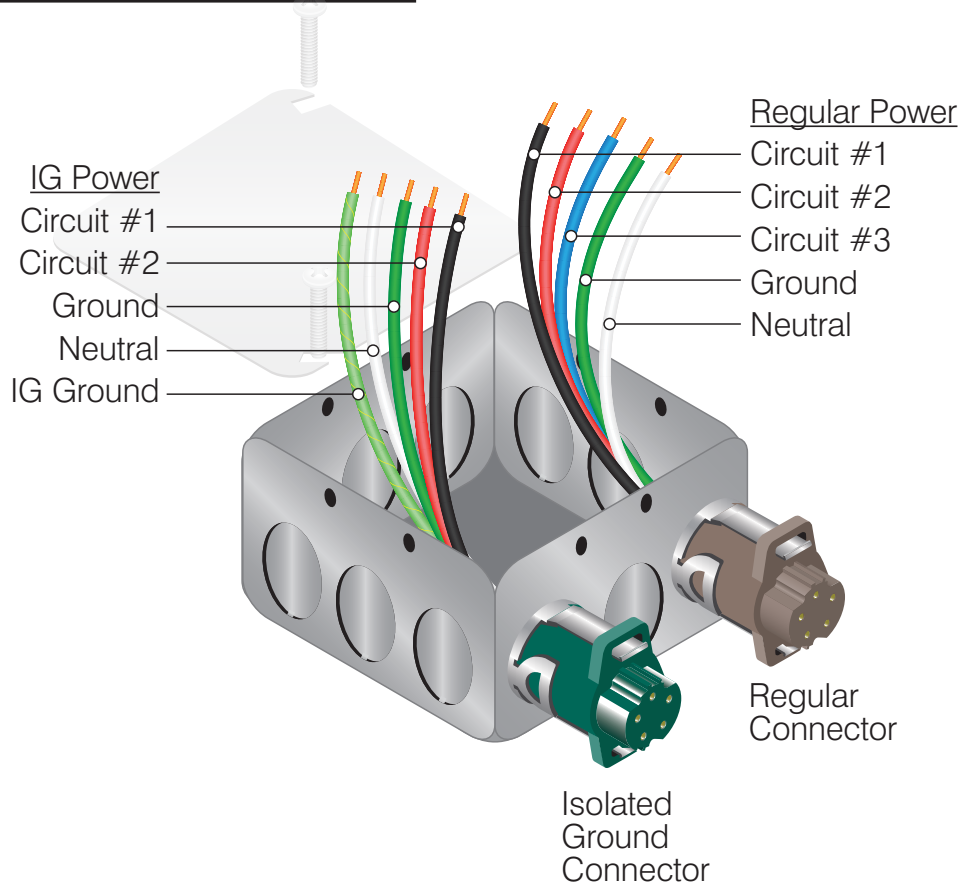


Electrical Junction Box Instructions



1. Install all junction boxes per NEC regulations.
2. Install connectors through junction box knock-out (minimum .75") and anchor placement with locknut inside.
3. All wires to be connected with UL approved wire nuts.
4. D&P 20-amp connectors are wired with 12ga. wires with a maximum of five wires per connector - ground+neutral+3 hots
5. Cubic inch per box required for each 12ga. wire is 2.25 cubic inches. Ground wire is counted only once in the total in-bound wire count.
6. Junction box cubic inch requirements: For three connectors with three 12ga. wires per connector - ground+neutral+1 hot - "This counts as only two wires per connector." This counts as six wires. Add five in-bound wires, and total is eleven wires. $11 \text{ wires} \times 2.25 \text{ in}^3 = 24.75 \text{ in}^3$ total required. Therefore, a 4 11/16 junction box, which has 42 in³, will suffice.