Decora Edge™ Wiring Frequently Asked Questions

Decora Edge is an innovative wiring method with patent pending lever terminals for a faster, easier and safer installation. To ensure a proper and efficient connection, only stranded and solid copper wire must be used for installation. Decora Edge devices are not designed for use with copper-clad aluminum building wire.

Q. Why must copper only wire be used with Decora Edge devices?

A. Copper is simply more conductive than copper-clad aluminum, meaning electricity can flow through it more easily while encountering less resistance. When choosing between solid or stranded, the solid wire offers higher current capacity and is stronger and better protected from damage. Stranded wires offer superior bendability and flexibility, making them easier than solid wires to route around obstacles.

Note that you can use 14- gauge or 12-gauge solid or stranded copper wire with Decora Edge devices.

Q. Why should copper-clad aluminum wire NOT be used?

A. Copper-clad aluminum wire is not as strong as copper wire. It is more likely to break or split due to its aluminum core. Copper-clad aluminum wire has a lower level of electrical conductivity than copper wire. While it is still more conductive than aluminum, copper-clad aluminum wire lacks the electrical conductivity of copper wire.

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