

Junction box meaning

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An outlet box and a junction box can be the same thing. A junction box is a standard electrical box that encloses wire splices and contains no device (like a receptacle).

The type 2 junction box is only for indoor use. The type 1 junction box protects against water and other liquids, so it can be used outdoors.

In a broad sense, any electrical box can be used as a junction box. Most standard code-approved electrical boxes found at home centers can be used as junction boxes.

According to the National Electrical Code (NEC), all electrical boxes must be installed with matching covers. If you need help installing the box, call a professional.

Install junction boxes where they are always accessible. Never install a junction box in a concealed wall or ceiling space where it cannot be accessed in the future. Junction boxes must also be covered with solid covers.

With electrical components, gang or gangable means that the pieces are capable of being joined.

The Spruce / Margot Cavin

Ceiling fan boxes must be UL-listed for ceiling fan mounting and marked "For Use With Ceiling Fans." Do not use standard round or octagonal boxes for installing ceiling fans. Ceiling fan boxes require special fastening to withstand the dynamic loading of a rotating fan.

314.25 Covers and Canopies. National Electrical Code (NEC).

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