

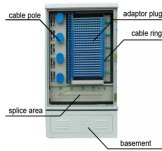
Jumpers are prohibited in distribution box wiring



Overview

Jumper wires shall never be placed or configured to resemble permanent wiring. The requirements of Article 517 do not apply to business offices or waiting rooms, or to animal veterinary facilities. Many of these rules are outside of the scope of this material, however some of the top title 517 consists of seven Wiring and Protection } Part. Article 250 is the largest article in the NEC ® and yet for years, the article has only had the following two tables: Table 250. 66 for sizing grounding electrode conductors of alternating-current systems. 66 is titled. Metal raceways, cable armor, and other metal enclosures for conductors shall be metallicity joined together into a continuous electric conductor and shall be so connected to all boxes, fittings, and cabinets as to provide effective electrical continuity. These regulations are contained in §§ 1910. 302 through. The 2023 NEC reorganized and clarified Section 250. The wiring method could be non-metallic, such as an NM-B cable, or metallic, such as an AC cable, MC cable, or.

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(2) Sizing. Equipment grounding conductors and equipment bonding jumpers must be sized in accordance with 250.122.



No wiring systems of any type shall be installed in ducts used to transport dust, loose stock or flammable vapors. No wiring system of any type shall be installed in any duct used for vapor removal or in any ...



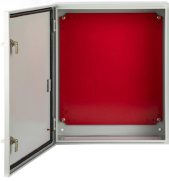
The reason behind the “no other purpose” requirement is to prohibit a fastener for a device or equipment, such as the receptacle 6-32 mounting screws or the screw for the internal cable ...



The installation shall be neat and uniform in appearance, and in general the jumpers and leads shall run in horizontal and vertical planes with rounded turns. Support all jumpers to prevent excessive ...



Special care must be taken to protect the employee, co-workers, and passengers while jumpers are in place. Jumpers must always be removed at the earliest possible opportunity and must ...



Clear directions in 250.148 specify that all of the equipment grounding conductors present in a box or enclosure are required to be connected, regardless of the circuit with which they are associated.



As a result, 3-wire cords are no longer permitted for new installations. Instead, a 4-wire cord must be used—hot, hot, neutral, and ground. When switching from a 3-wire to a 4-wire cord, the ...



New Table 250.102 (C) (1) is for sizing the grounded conductor, main bonding jumper, system bonding jumper, and supply-side bonding jumper for alternating-current systems.



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This paragraph covers the installation of portable wiring and equipment, including wiring in or on all structures, for carnivals, circuses, exhibitions, fairs, traveling attractions, and similar events.

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