The grounding wire of the casing is routed through a cable tray

A bare copper equipment grounding conductor should not be placed in an aluminum cable tray due to the potential for electrolytic corrosion of the aluminum cable tray in a moist environment.

Illustration 3: Single Conductor Power Tray bonded with EGC continuous ground wire on side, sized per max breaker. The above illustrations represent over 99% of all cable tray installations.

Equipment grounding conductors installed in cable tray shall meet the minimum requirements of 392.10 (B) (1) (c). Each equipment grounding conductor shall be ...

GEC Routing with Cables: Article 250 specifies that grounding electrode conductors should only be run within the same raceway or conduit as power cables if properly insulated and ...

The metal raceway shall be supplemented by an internal insulated equipment grounding conductor installed to ground the equipment enclosure.

Electrically paralleling the single conductor EGC with the Cable Tray by bonding the single conductor EGC to the cable tray every 50 to 100 feet produces an installation that may provide some degree of ...

Single equipment grounding conductors installed in cable trays must be insulated, covered, or bare and sized N° 4 AWG as a minimum, according to Section 392.10 (B) (1) (c).

Equipment grounding conductors installed in cable tray shall meet the minimum requirements of 392.10 (B) (1) (c). Each equipment grounding conductor shall be sized in compliance with 250.122.

Copper stranded wire, galvanized flat steel, or metal components used to install supports along the cable trays can serve as the main grounding conductor. If the cable tray length is 30m or ...

A surface metal raceway that is listed for grounding is suitable as an equipment grounding conductor in accordance with 250.118 (14). To serve this purpose, fittings must be mechanically and electrically ...

The grounding wire of the casing is routed through a cable tray

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