

Part 2: Physical Requirements

230) Clearance and Spacing

230.10) General

Customer substations shall be constructed in accordance with the requirements of the Wisconsin and/or Michigan State Electrical Codes (all volumes) and applicable local codes or ordinances with respect to live part clearances, spacing of equipment and conductors, and working space. This includes meeting all minimum clearances for live parts as listed in NEC 490–24.

230.20) Operating Space for Open–Type Fuse Installations

For metering voltage transformer fuses, the customer shall provide inside the substation a clear, level area, which extends three feet outside each outboard fuse mounting and a minimum of six feet out from the face of the mounting structure. In addition to the space required to operate the fuses, the substation design shall provide an area adjacent to the fuse structure in which to assemble, raise, and lower the switch stick. The switch stick should be two feet shorter than the distance from grade to the lower support point or lower hinge point of the fuse. The clear area shall be four feet wide and four feet longer than the switch stick, both in ground area and in the path of the stick as it is raised.