



Building Services
808 West Spokane Falls Blvd
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EL-03
Fault Current Design
& Equipment Rating

NEC 110.9 requires that equipment that is intended to break current at fault levels shall have an interrupting rating sufficient for the nominal circuit voltage as well as current that is available at the line terminals at the equipment.

The designer or electrical contractor (if there are no engineered plans) shall furnish the City with the fault current at all equipment, or to a point where it has less than 10,000A, and a list of equipment used that is rated for this fault current.

If these calculations are based on a series rating, then all series devices shall have been tested and designed to work together. A complete listing of components and the compatibility of downstream components with the current limiting devices must be part of these calculations. NEC 110.10 requires that devices be selected and coordinated to work together without damage to the electrical components of the circuit.