



**EXHIBIT 225.4** Disconnecting means for alternative source feeder supplying an emergency load, a legally required standby load, an optional standby load, or a combination of the three.

### 225.33 Maximum Number of Disconnects.

**(A) General.** The disconnecting means for each supply permitted by 225.30 shall consist of not more than six switches or six circuit breakers mounted in a single enclosure, in a group of separate enclosures, or in or on a switchboard or switchgear. There shall be no more than six disconnects per supply grouped in any one location.

*Exception:* For the purposes of this section, disconnecting means used solely for the control circuit of the ground-fault protection system, or the control circuit of the power-operated supply disconnecting means, installed as part of the listed equipment, shall not be considered a supply disconnecting means.

**(B) Single-Pole Units.** Two or three single-pole switches or breakers capable of individual operation shall be permitted on multiwire circuits, one pole for each ungrounded conductor, as one multipole disconnect, provided they are equipped with identified handle ties or a master handle to disconnect all ungrounded conductors with no more than six operations of the hand.

### 225.34 Grouping of Disconnects.

**(A) General.** The two to six disconnects as permitted in 225.33 shall be grouped. Each disconnect shall be marked to indicate the load served.

*Exception:* One of the two to six disconnecting means permitted in 225.33, where used only for a water pump also intended to provide fire protection, shall be permitted to be located remote from the other disconnecting means.

**(B) Additional Disconnecting Means.** The one or more additional disconnecting means for fire pumps or for emergency, legally required standby or optional standby system permitted by 225.30 shall be installed sufficiently remote from the one to six disconnecting means for normal supply to minimize the possibility of simultaneous interruption of supply.

**225.35 Access to Occupants.** In a multiple-occupancy building, each occupant shall have access to the occupant's supply disconnecting means.

*Exception:* In a multiple-occupancy building where electric supply and electrical maintenance are provided by the building management and where these are under continuous building management supervision, the supply disconnecting means supplying more than one occupancy shall be permitted to be accessible to authorized management personnel only.

**Δ 225.36 Type of Disconnecting Means.** The disconnecting means specified in 225.31 shall be a circuit breaker, molded case switch, general-use switch, snap switch, or other approved means. Where applied in accordance with 250.32(B)(1), Exception No. 1, the disconnecting means shall be suitable for use as service equipment.

The feeder or branch-circuit disconnecting means is required to be suitable for use as service equipment only where the feeder grounded conductor is also used as the return path for ground-fault current per 250.32(B)(1), Exception No. 1. A three- or four-way snap switch cannot be used as a disconnecting means for an outside branch circuit or feeder because it does not provide a positive indication that the circuit is disconnected.

**225.37 Identification.** Where a building or structure has any combination of feeders, branch circuits, or services passing through it or supplying it, a permanent plaque or directory shall be installed at each feeder and branch-circuit disconnect location denoting all other services, feeders, or branch circuits supplying that building or structure or passing through that building or structure and the area served by each.

*Exception No. 1:* A plaque or directory shall not be required for large-capacity multibuilding industrial installations under single management, where it is ensured that disconnection can be accomplished by establishing and maintaining safe switching procedures.

*Exception No. 2:* This identification shall not be required for branch circuits installed from a dwelling unit to a second building or structure.