8.3.2
Ungrounded control circuits shall be provided with an insulation-monitoring device that either indicates a ground fault or interrupts the circuit automatically after a ground fault.

Exception: Class 2 low-voltage circuits as defined, in Article 100 and as covered in, Article 725 of NFPA 70 shall not require insulation monitoring unless required by 9.4.2.1.

Committee: NEC-AAC
Submittal Date: Wed Jun 03 10:42:23 EDT 2020

Committee Statement:
The Correlating Committee revises the text shown as “Class 2 circuits are defined in Article 100 and are installed in as covered in Article 725 of the NEC” as “Class 2 low-voltage circuits” are not defined either in NFPA 79 or in the NEC, the revision is made for correlation with the defined term in the NEC.
9.4.2.1 Ground Faults.

Ground faults on any control circuit shall not cause unintentional starting or potentially hazardous motions or prevent stopping of the machine. Grounded control circuits shall be in accordance with Section 8.2 and Section 8.3. Ungrounded control circuits shall be provided with an insulation monitoring device that either indicates a ground fault or interrupts the circuit automatically after a ground fault. A restart of the machine with a detected ground fault shall be prevented.

*Exception: Ungrounded Class 2 circuits as defined in Article 100 and as covered in Article 725 of NFPA 70 shall not require insulation monitoring so long as the ground fault(s) will not cause unintentional starting or potentially hazardous motions or prevent stopping of the machine.*

Submitter Information Verification

Committee: NEC-AAC
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Committee Statement

Committee Statement: The Correlating Committee revises the text shown as “Class 2 circuits are defined in Article 100 and are installed in as covered in Article 725 of the NEC” as “Class 2 low-voltage circuits” are not defined either in NFPA 79 or in the NEC, the revision is made for correlation with the defined term in the NEC.