

PC57.32

Type of Project: Revision to IEEE Standard C57.32-2015

Project Request Type: Initiation / Revision

PAR Request Date: 20 Dec 2022

PAR Approval Date: 15 Feb 2023

PAR Expiration Date: 31 Dec 2027

PAR Status: Active

Root Project: C57.32-2015

1.1 Project Number: PC57.32

1.2 Type of Document: Standard

1.3 Life Cycle: Full Use

2.1 Project Title: Standard for Requirements, Terminology, and Test Procedures for Neutral Grounding Devices

Change to Title: ~~IEEE~~ Standard for Requirements, Terminology, and Test Procedures for Neutral Grounding Devices

3.1 Working Group: Performance Characteristics - Neutral Grounding Devices Working Group(PE/TR/PerfCharac-WGC57.32)

3.1.1 Contact Information for Working Group Chair:

Name: Sheldon Kennedy

Email Address: skennedy@niagaratransformer.com

3.1.2 Contact Information for Working Group Vice Chair:

None

3.2 Society and Committee: IEEE Power and Energy Society/Transformers(PE/TR)

3.2.1 Contact Information for Standards Committee Chair:

Name: Ed TeNyenhuis

Email Address: edt@ieee.org

3.2.2 Contact Information for Standards Committee Vice Chair:

Name: David Wallach

Email Address: david.wallach@ieee.org

3.2.3 Contact Information for Standards Representative:

Name: Stephen Shull

Email Address: sdshull@ieee.org

4.1 Type of Ballot: Individual

4.2 Expected Date of submission of draft to the IEEE SA for Initial Standards Committee Ballot: Dec 2025

4.3 Projected Completion Date for Submittal to RevCom: Dec 2026

5.1 Approximate number of people expected to be actively involved in the development of this project: 50

5.2 Scope of proposed standard: This standard applies to devices used for the purpose of controlling the ground current or the potentials to ground of an alternating current system. These devices are: grounding transformers, ground-fault neutralizers, resistors, reactors, or combinations of these devices. The standard provides up-to-date requirements, terminology, and test procedures for neutral grounding devices. This standard does not cover the application of these devices.

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5.3 Is the completion of this standard contingent upon the completion of another standard? No

5.4 Purpose: This document will not include a purpose clause.

5.5 Need for the Project: Present day requirements for these devices may be out of date with existing standards. This revision will provide up-to-date standard requirements, terminology, and test procedures for neutral grounding devices.

5.6 Stakeholders for the Standard: Users and manufacturers of neutral grounding devices.

6.1 Intellectual Property

6.1.1 Is the Standards Committee aware of any copyright permissions needed for this project?

No

6.1.2 Is the Standards Committee aware of possible registration activity related to this project?

No

7.1 Are there other standards or projects with a similar scope? Yes

Change to Are there other standards or projects with a similar scope? ~~No~~ Yes

Explanation: IEC has a standard covering only neutral grounding resistors. It has been published since the last version of IEEE C57.32-2015. IEEE C57.32 includes all devices such as grounding, transformers, grounding reactors, ground fault neutralizers and grounding resistors. The CSA standard also only covers neutral grounding resistors.

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7.1.1 Standards Committee Organization: IEC - INTERNATIONAL ELECTROTECHNICAL COMMISSION

Project/Standard Number: 60076-25

Project/Standard Date: 02 Dec 2022

Project/Standard Title: Power Transformers Part. Neutral Grounding Resistors

7.1.2 Standards Committee Organization: CSA - CANADIAN STANDARDS ASSOCIATION

Project/Standard Number: C22.2 NO. 295

Project/Standard Date: 20 Jan 2020

Project/Standard Title: Neutral Grounding Devices

7.2 Is it the intent to develop this document jointly with another organization? No

8.1 Additional Explanatory Notes: IEEE C57.32 - 2015 was previously IEEE 32 and was managed by the C62 committee. IEEE 32 has been a standard since the 1930'S. It predates the two grounding resistor standards developed in IEC and CSA by many decades.