
myProject™ - PC57.12.23 PAR Detail

Submitter Email: atraut@ieee.org

Type of Project: Modification to Approved PAR

PAR Request Date: 02-May-2008

PAR Approval Date: 12-Jun-2008

PAR Expiration Date: 31-Dec-2009

Status: Modification to a Previously Approved PAR for the Revision of a Standard, Std C57.12.23-0

Project:

Root Project: C57.12.23-0

1.1 Project Number: PC57.12.23

1.2 Type of Document: Standard

1.3 Life Cycle: Full Use

1.4 Is this project in ballot now? Yes

Ballot History

Ballot Start Date: 2008-05-07

Ballot Close Date: 2008-06-06

Response Percent: 77

Approval Percent: 100

Abstain Percent: 1

Draft Number: D7

2.1 Title: Standard for Submersible Single-Phase Transformers; 167 kVA and Smaller; High Voltage 25 000 V and Below; Low Voltage 600 V and Below
Old Title: Standard for Submersible Single-Phase Transformers; 167kVA and Smaller; High-Voltage 25 000 Volts and Below; Low Voltage 600 Volts and Below

3.1 Working Group: Underground TR & NW Protect - UG Self-Cont 1-0 Working Group (PE/TR/UG-WGC57.12.23)

Contact Information for Working Group Chair

Name: Alan Traut

Email: atraut@ieee.org

Phone: 859-879-2912

Contact Information for Working Group Vice-Chair

None

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

Contact Information for Sponsor Chair

Name: Tom Prevost

Email: tom.prevost@wicom.com

Phone: 802-748-8106

Contact Information for Standards Representative

Name: William Bartley

Email: william_bartley@hsb.com

Phone: 860 722 5483

4.1 Type of Ballot: Individual

4.2 Expected Date of Submission for Initial Sponsor Ballot: 06/2008

4.3 Projected Completion Date for Submittal to RevCom: 10/2009

5.1 Approximate number of people expected to work on this project: 25

5.2 Scope: This standard covers certain electrical, dimensional, and mechanical characteristics and takes into consideration certain safety features of single-phase, 60 Hz, liquid-immersed, self-cooled, submersible distribution transformers with separable insulated high-voltage connectors. These transformers are rated 167 kVA and smaller, with high voltages of 25 000 V and below and with low voltages of 600 V and below. These transformers are generally used for step-down purposes from an underground primary cable supply. These transformers are typically installed in an enclosure below ground level, operated from above and suitable for submerged operation.

Old Scope: This standard covers certain electrical, dimensional, and mechanical characteristics and takes into consideration certain safety features of single-phase, 60 Hz, liquid-immersed, self-cooled, underground distribution transformers with separable insulated high-voltage connectors. These transformers are rated 167 kVA and smaller, with high voltages of 25 000 V and below and with low voltages of 600 V and below. These transformers are generally used for step-down purposes from an underground primary cable supply. These transformers are typically installed in an enclosure below ground level, operated from above and suitable for submerged operation. This standard does not cover the electrical and mechanical requirements of any accessory devices that may be supplied with the transformer.

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5.3 Is the completion of this standard dependent upon the completion of another standard: No

5.4 Purpose: This standard is intended for use as a basis for determining performance, interchangeability, and safety of the equipment covered, and to assist in the proper selection of such equipment.

Old Purpose This standard is intended for use as a basis for determining performance, interchangeability, and safety of the equipment covered, and to assist in the proper selection of such equipment.

5.5 Need for the Project: The present standard does not clearly specify the requirements for submerged operation. Interpretation is left to the stakeholders (users and manufacturers of submersible transformers) and can lead to confusion. To correct this problem, the proposed revision will change the title from 'Underground Transformers' to 'Submersible Transformers' with the corresponding revisions to the scope and purpose of the document as stated above. The technical sections of the document will then be revised to specify the requirements for submerged operation.

5.6 Stakeholders for the Standard: utility engineers, manufacturers

Intellectual Property

6.1.a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR prior to the PAR submittal to the IEEE-SA Standards Board? Yes

If yes, state date: 05/02/2008

6.1.b. Is the Sponsor aware of any copyright permissions needed for this project? No

6.1.c. Is the Sponsor aware of possible registration activity related to this project? No

7.1 Are there other standards or projects with a similar scope? No

7.2 International Activities

a. Adoption

Is there potential for this standard (in part or in whole) to be adopted by another national, regional or international organization? No

Organization:

Technical Committee Name:
Technical Committee Number:
Contact Person Name:
Contact Person Phone:
Contact Person Email:

b. Joint Development

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

Organization:

Technical Committee Name:
Technical Committee Number:
Contact Person Name:
Contact Person Phone:
Contact Person Email:

c. Harmonization

Are you aware of another organization that may be interested in portions of this document in their standardization development efforts? No

Organization:

Technical Committee Name:
Technical Committee Number:
Contact Person Name:
Contact Person Phone:
Contact Person Email:

8.1 Additional Explanatory Notes (Item Number and Explanation): making simple editorial corrections to the title.