

PC37.30.5

Submitter Email: creigart@ieee.org

Type of Project: Modify Existing Approved PAR

PAR Request Date: 29-Dec-2015

PAR Approval Date: 03-Mar-2016

PAR Expiration Date: 31-Dec-2019

Status: Modification to a Previously Approved PAR

Root PAR: PC37.30.5 **Approved on:** 26-Oct-2015

1.1 Project Number: PC37.30.5

1.2 Type of Document: Standard

1.3 Life Cycle: Full Use

2.1 Title: Standard for Definitions for AC High-Voltage Air Switches Rated Above 1000 V

3.1 Working Group: Definitions for AC High-Voltage Air Switches Rated Above 1000 V (PE/SWG/HVS/WGPC37.30.5)

Contact Information for Working Group Chair

Name: Carl Reigart

Email Address: creigart@ieee.org

Phone: 205-699-2948

Contact Information for Working Group Vice-Chair

None

3.2 Sponsoring Society and Committee: IEEE Power and Energy Society/Switchgear (PE/SWG)

Contact Information for Sponsor Chair

Name: Paul Sullivan

Email Address: paul.b.sullivan@dupont.com

Phone: 803-424-8373

Contact Information for Standards Representative

Name: Michael Wactor

Email Address: mwactor@ieee.org

Phone: 713-948-4918

4.1 Type of Ballot: Individual

4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: 03/2017

4.3 Projected Completion Date for Submittal to RevCom: 05/2018

5.1 Approximate number of people expected to be actively involved in the development of this project: 10

5.2 Scope: The terms and definitions in this standard cover all high-voltage enclosed and non-enclosed, indoor and outdoor air switches rated in excess of 1000 V used primarily in connection with generation, transmission, distribution, and conversion of electric power. This includes such switch types as disconnect, horn-gap, fault-initiation, and ground for manual or power operation.

The following switch types are not covered by this standard:

distribution cutouts fitted with disconnecting blades, and switches used in metal-enclosed and pad-mounted switchgear.

This standard also does not apply to load-break separable

insulated connectors, circuit-breakers, circuit-switchers, or reclosers.

Changes in scope: The terms and definitions in this standard cover all high-voltage enclosed and non-enclosed, indoor and outdoor air switches rated in excess of 1000 V used primarily in connection with generation, transmission, distribution, and conversion of electric power. This includes such switch types as disconnect, horn-gap, fault-initiation, and ground for manual or power operation. The following switch types are not covered by this standard: ~~interrupter switches~~, distribution cutouts fitted with disconnecting blades, and switches used in metal-enclosed and pad-mounted switchgear. This standard also does not apply to load-break separable insulated connectors, circuit-breakers, circuit-switchers, or reclosers.

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

5.4 Purpose: The definitions of terms and explanatory notes relating thereto contained in this standard are intended for the sole purpose of establishing only those meanings of terms used in standards for AC High-Voltage Air Switches Rated Above 1000 V. They are not intended to embrace all possible meanings of the terms. They do not purport to embrace other meanings that the terms may properly have when used in connection with other subjects.

In some instances, terms and definitions that are not identical to those in this standard have been developed by other branches of industry.

Where this situation exists, the definitions in this standard shall be used for AC High-Voltage Air Switches Rated Above 1000 V covered by

the C37 series of standards.

5.5 Need for the Project: This document will incorporate definitions relevant to the equipment in the scope of the standard which are currently included in IEEE Std C37.100, which is slated for withdrawal.

5.6 Stakeholders for the Standard: Manufacturers, consultants, testing agencies, system designers and end users of AC High-Voltage Air Switches Rated Above 1000 V.

Intellectual Property

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

6.1.b. 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 Joint Development

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

8.1 Additional Explanatory Notes (Item Number and Explanation): *Item 5.2: Deleted Interrupter Switches from the list of "switch types not covered".*

For the purposes of this document they are covered.