

IEEE Standard for Definitions for AC High-Voltage Air Switches Rated Above 1000 V

IEEE Power and Energy Society

Sponsored by the
Switchgear Committee

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of the
IEEE Power and Energy Society

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Abstract: The terms and definitions covered in this standard refer to 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.

Keywords: definitions, IEEE Std C37.30.5™, terms

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Introduction

This introduction is not part of IEEE Std C37.30.5–2018, Standard for Definitions for AC High-Voltage Air Switches Rated Above 1000 V.

This standard constitutes a compilation of terms and definitions relating to high-voltage air switches, and should be considered to reflect common and current usage of that industry. The size of this standard has been kept to a minimum by omitting all terms satisfactorily covered in readily available dictionaries. In some instances, terms and definitions of related products exhibiting minor variations have been combined for greater clarity. Specifications and ratings have been excluded from definitions. This information is included in standards covering specific product types. This standard contains, in addition to many additions and modifications, the relevant terms from IEEE Std C37.100™^[B1]¹, which is scheduled to be withdrawn when its validity expires in 2018.

¹The numbers in brackets correspond to those of the bibliography in [Annex A](#).

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