

1. Record Nr.	UNINA9910498510003321
Titolo	C37.04-2018/Cor 1-2021 : IEEE Standard for Ratings and Requirements for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V - Corrigendum 1 // Institute of Electrical and Electronics Engineers
Pubbl/distr/stampa	New York, NY, USA : , : IEEE, , 2021
ISBN	1-5044-7726-X
Descrizione fisica	1 online resource (17 pages)
Disciplina	620.110218
Soggetti	Electric circuit-breakers Electric circuits - Alternating current Electric relays
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This standard covers the rating structure for all high-voltage circuit breakers, which include all voltage ratings above 1000 V ac and comprise both indoor and outdoor types. Preferred ratings are also provided. Typical circuit breakers covered by these standards have maximum voltage ratings ranging from 4.76 kV through 800 kV, and continuous current ratings of 600 A, 1200 A, 2000 A, 3000 A, and 4000 A associated with the various maximum voltage ratings. The rating structure establishes the basis for all assigned ratings, including continuous current, insulation capability (formerly dielectric withstand voltages), short-circuit current, transient recovery voltage, and capacitor switching, plus associated capabilities such as mechanical endurance, load current, and out-of-phase switching. This standard does not cover generator circuit breakers, which are covered by IEC/IEEE Std 62271-37-013(TM).