

1. Record Nr.	UNINA9910440097603321
Titolo	C37.119-2016 - IEEE Guide for Breaker Failure Protection of Power Circuit Breakers // Power System Relaying of the IEEE Power and Energy Society
Pubbl/distr/stampa	Piscataway, NJ : , : IEEE, , 2016
ISBN	1-5044-2021-7
Descrizione fisica	1 online resource (73 pages)
Disciplina	621.317
Soggetti	Protective relays Protective relays - Standards Electric circuit-breakers - Standards Electric power systems - Protection - Standards
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Methods to protect a power system from faults that are not cleared because of failure of a power circuit breaker to operate or interrupt when called upon by a protective relay are described in this guide. The intent is to give the reader a guide in how to detect that a breaker has failed to clear a fault, and how to electrically isolate the fault after the breaker has failed to clear the fault. Additionally, schemes that provide primary protection of the power system from performance failures of the power circuit breaker other than fault clearing failures such as failure to operate, either tripping or closing, manual or automatic, are also described. Such schemes, when applied, are typically integrated as a part of the overall breaker failure protection scheme. Also covered are recent practices that take advantage of new technologies.