

1. Record Nr.	UNINA9910135880903321
Titolo	IEEE STD 1613-2009 (Revision of IEEE STD 1613-2003) // Institute of Electrical and Electronics Engineers
Pubbl/distr/stampa	New York : , : IEEE, , 2009
ISBN	0-7381-5998-0
Descrizione fisica	1 online resource (ix, 46 pages) : illustrations
Disciplina	621.31
Soggetti	Electric power systems - Communication systems Electric substations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Service conditions, electrical ratings, thermal ratings, and environmental testing requirements are defined for communications networking devices to be installed in electric power substations. This standard establishes a common reproducible basis for designing and evaluating communications networking devices and the communications ports of protective relays for use in this harsh environment. Keywords: auto dialers, bridges, communications networking device, communications ports, derating, dielectric test, electrostatic discharge (ESD) test, environmental requirements, Ethernet hubs, fast transient test, firewalls, humidity, impulse test, insulation test, modems, power apparatus, radio frequency (RF) test, routers, serial device, surge withstand capability (SWC) test, switches, temperature range, temperature rise, voltage rating.