

1. Record Nr.	UNINA9910296453603321
Titolo	IEC/IEEE 60255-118-1:2018 IEEE/IEC International Standard - Measuring relays and protection equipment . Part 118-1, Synchrophasor for power systems - Measurements // Power System Relaying and Control of the IEEE Power and Energy Society
Pubbl/distr/stampa	New York : , : IEEE, , 2018
ISBN	1-5044-5361-1
Descrizione fisica	1 online resource (78 pages)
Collana	IEC/IEEE ; ; 60255-118-1
Disciplina	621.3815322
Soggetti	Phase converters Electric relays Electric measurements
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This document provides continuation and further development of previous synchrophasor standards, notably the IEEE C37.118 series. It defines synchrophasor, frequency, and rate of change of frequency (ROCOF) measurements as used in this technology. These definitions are in agreement with most research on and analysis of dynamic electric power system measurements, but may differ from those given in other contexts. Function and performance requirements are given for synchrophasor measurements. Tests, evaluation criteria, and error limits are provided to determine compliance with the requirements.