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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 14598.301-2020

Replacing GB/T 14598.301-2010

Technical requirements for power system continuous recorder

电力系统连续记录装置技术要求

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Foreword

GB/T 14598 is divided into the following parts.

---GB/T 14598.1 Electrical Relay Part

23.Contact Performance;

---GB/T 14598.2 Measuring relays and protection devices Part

1.General requirements;

---GB/T 14598.3 Electrical relays Part

5.Insulation coordination requirements and tests for measuring relays and protection
devices;

---GB/T 14598.6 Electrical relays Part

18.Dimensions with or without general relays;

---GB/T 14598.8 Electrical Relay Part

20.Protection System;

---GB/T 14598.23 Electrical relays Part

21.Measurement of vibration, shock, collision and earthquake of relays and protection
devices Test Part

3.Earthquake test;

1 Scope

GB/T 14598.301-2020 is the Chinese national standard on technical requirements for power system continuous recorder, in the field of electrical engineering. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 2 June 2020 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 January 2021. Classification: ICS 29.240.01, CCS K45. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This part of GB/T 14598 specifies the technical requirements, test methods, and inspections of continuous recording devices for power systems (hereinafter referred to as devices) Rules, marking, packaging, transportation, storage, completeness of supply, quality assurance period requirements. This section applies to continuous recording devices of power systems used in substations (converter stations) and power plants, as the design, manufacture and inspection of such devices The basis for verification and operation.

2 Normative references

The following documents are essential for the application of this document. For dated reference documents, only the dated version applies to this article Pieces. For the cited documents without date, the latest version (including all amendments) applies to this document.

GB/T 191 Icon mark for packaging, storage and transportation

GB/T 2900.17 Electrical engineering terminology measuring relay

GB/T 2900.49 Electrician terminology power system protection

GB/T 4208 enclosure protection level (IP code)

GB/T 4798.2 Environmental conditions for the application of electrical and electronic products. Part

8 Electronic current transformers

GB/T 22239 Information Security Technology Network Security Level Protection Basic Requirements

GB/T 25931-2010 Accurate clock synchronization protocol of network measurement and control system

GB/T 26864 Dynamic Simulation Test of Relay Protection Products in Power System

GB/T 26865.2-2011 Power system real-time dynamic monitoring system Part

2.Data transmission protocol DL/T 860 (all parts) Substation communication network and system

16 Test flame 50W horizontal and vertical fire Flame test method

GB/T 7261-2016 Basic test methods for relay protection and safety automatic devices

GB/T 9361-2011 Computer site security requirements

GB/T 11287-2000 Electrical relays Part

21.Measurement of vibration, shock, collision and earthquake of relays and protection devices Test Part