

Specification for

**Instrument
transformers —
Three-phase voltage
transformers for
voltage levels having
 U_m up to 52 kV —**

(Implementation of CENELEC
HD 587 S1)

UDC 621.314.21:621.3.027.4/.7:620.1

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- Association of Consulting Engineers
- Electricity Association
- Office of Electricity Regulation (OFFER)
- Transmission and Distribution Association (BEAMA Limited)

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National foreword

This British Standard has been prepared under the direction of the Power Electrical Engineering Standards Policy Committee.

It implements Harmonization Document HD 587 S1:1993 published by the European Committee for Electrotechnical Standardization (CENELEC), which was derived from IEC 186:1987 plus Amendment 1:1988, published by the International Electrotechnical Commission (IEC) and endorsed with modifications from CENELEC HD 554 S1:1992.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the HD title page, pages 2 to 18, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

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Descriptors: Transformer, instrument transformer, voltage transformer, three-phase transformer, specification, rating, test, marking

English version

Instrument transformers — Three-phase voltage transformers for voltage levels having U_m up to 52 kV

Transformateurs de mesure —
Transformateurs de tension triphasés pour
niveaux de tension avec U_m jusqu'à 52 kV

Messwandler — Dreiphasische
Spannungswandler für Spannungsniveau U_m
bis 52 kV

This Harmonization Document was approved by CENELEC on 1993-03-09. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for implementation of this Harmonization Document on a national level.

Up-to-date lists and bibliographical references concerning national implementation may be obtained on application to the Central Secretariat or to any CENELEC member.

This Harmonization Document exists in three official versions (English, French, German).

CENELEC members are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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Foreword

During the harmonization work on HD 554 S1 (IEC 186:1987 + A1:1988, modified), it was noted that in a number of countries three-phase voltage transformers, which are not covered by said Harmonization Document are in use.

It was decided to draft a standard for said equipment as its use in several countries required standardization. The draft was prepared by BTTF 56-3 following the structure of HD 554 S1 and making reference to it whenever possible.

The text of the draft was submitted to the Unique Acceptance Procedure (UAP) in June 1992 and was approved by CENELEC as HD 587 S1 on 9 March 1993.

The following dates were fixed:

- latest date of announcement of the HD at national level (doa) 1993-09-01
- latest date of publication of a harmonized national standard (dop) 1994-03-01
- latest date of withdrawal of conflicting national standards (dow) 1994-03-01

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