



**NSAI**  
Standards

Irish Standard  
I.S. HD 538.1 S1:1992

Three-phase dry-type distribution transformers 50 Hz, from 100 to 2500 kVA, with highest voltage for equipment not exceeding 36 kV -- Part 1: General requirements and requirements for transformers with highest voltage for equipment not exceeding 24 kV

## I.S. HD 538.1 S1:1992

*Incorporating amendments/corrigenda issued since publication:*

HD 538.1 S1:1992/A1:1995

HD 538.1 S1:1992/AC:2011

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I.S. xxx: Irish Standard – national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation - recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

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**I.S. HD 538.1 S1:1992**



Corrigendum to HD 538.1 S1:1992

English version

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Following decision of BT 139, item 2.6.1, delete the Swiss A-deviation for HD 538.1 S1:1992.

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October 2011

**I.S. HD 538.1 S1:1992**

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**HARMONIZATION DOCUMENT**  
**DOCUMENT D'HARMONISATION**  
**HARMONISIERUNGSDOKUMENT**

**HD 538.1 S1/A1**

March 1995

UDC 621.314.211.027.624.025.3  
ICS 29.180

Descriptors: Power transformer, three-phase transformer, electrical characteristic, design requirement, dimension, accessory

English version

**Three-phase dry-type distribution transformers 50 Hz,  
from 100 to 2500 kVA, with highest voltage for  
equipment not exceeding 36 kV**  
**Part 1: General requirements and requirements for  
transformers with highest voltage for equipment  
not exceeding 24 kV**

Transformateurs triphasés de  
distribution de type sec, 50 Hz, de  
100 à 2500 kVA, avec une tension la  
plus élevée pour le matériel ne  
dépassant pas 36 kV  
Partie 1: Prescriptions générales et  
prescriptions pour les transformateurs  
avec une tension la plus élevée pour le  
matériel ne dépassant pas 24 kV

Drehstrom-Trocken-  
Verteilungstransformatoren, 50 Hz,  
100 bis 2500 kVA, mit einer höchsten  
Spannung für Betriebsmittel  $\leq 36$  kV  
Teil 1: Allgemeine Anforderungen und  
Anforderungen für Transformatoren mit  
einer höchsten Spannung für  
Betriebsmittel  $\leq 24$  kV

This amendment A1 modifies the Harmonization Document HD 538.1 S1:1992; it was approved by CENELEC on 1994-12-06. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for implementation of this amendment on a national level.

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

This amendment 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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

### **Foreword**

This amendment was prepared by the Technical Committee CENELEC TC 14, Power transformers.

A draft text, based on a proposal by UNIPEDE in agreement with COTREL, was submitted to the unique acceptance procedure as prAB in January 1994. Another draft was submitted to the formal vote as prAA in May 1994. The two drafts were combined and approved by CENELEC as amendment A1 to HD 538.1 S1:1992 on 1994-12-06.

The following dates were fixed:

- latest date by which the existence of the amendment  
has to be announced at national level (doa) 1995-06-01
  - latest date by which the amendment has to be implemented  
at national level by publication of a harmonized  
national standard or by endorsement (dop) 1995-12-01
  - latest date by which the national standards conflicting  
with the amendment have to be withdrawn (dow) 1995-12-01
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