



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60146-1-3:1993

ICS 29.180  
29 200

**SEMICONDUCTOR CONVERTORS GENERAL  
REQUIREMENTS AND LINE COMMUTED  
CONVERTORS. PART 1-3: TRANSFORMERS  
AND REACTORS (IEC 146-1-3:1991)**

National Standards  
Authority of Ireland  
Dublin 9  
Ireland

Tel (01) 807 3800  
Tel (01) 807 3838

*This Irish Standard was  
published under the  
authority of the National  
Standards Authority of  
Ireland  
and comes into effect on  
November 5, 1993*

**NO COPYING WITHOUT NSAI  
PERMISSION EXCEPT AS  
PERMITTED BY COPYRIGHT  
LAW**

© NSAI 1993

**Price Code F**

Údarás um Chaighdeáin Náisiúnta na hÉireann



## DECLARATION

OF

SPECIFICATION

ENTITLED

SEMICONDUCTOR CONVERTORS GENERAL REQUIREMENTS AND LINE COMMUTED

CONVERTORS. PART 1-3: TRANSFORMERS AND REACTORS

(IEC 146-1-3:1991)

AS

THE IRISH STANDARD SPECIFICATION FOR

SEMICONDUCTOR CONVERTORS GENERAL REQUIREMENTS AND LINE COMMUTED

CONVERTORS. PART 1-3: TRANSFORMERS AND REACTORS

(IEC 146-1-3:1991)

---

EOLAS - The Irish Science and Technology Agency in exercise of the power conferred by section 20 (3) of the Industrial Research and Standards Act, 1961 ( No. 20 of 1961 ) and the Science and Technology Act, 1987 (No. 30 of 1987), and with the consent of the Minister for Enterprise and Employment, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (Semiconductor Convertors General Requirements and Line Commuted Convertors. Part 1-3: Transformers and Reactors (IEC 146-1-3:1991)) Declaration, 1993.
2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Semiconductor Convertors General Requirements and Line Commuted Convertors. Part 1-3: Transformers and Reactors (IEC 146-1-3:1991). The Schedule comprises the text of EN 60146-1-3 : 1993.  
  
(2) The said standard specification may be cited as Irish Standard/EN 60146-1-3:1993 or as I.S./EN 60146-1-3:1993.



EUROPEAN STANDARD

EN 60146-1-3

NORME EUROPEENNE

EUROPAISCHE NORM

February 1993

---

UDC 621.314.21:621.315.59:621.318

Descriptors: Electronics, convertors, semiconductor convertors,  
transformers, reactors, characteristics, specifications,  
test

ENGLISH VERSION

Semiconductor convertors  
General requirements and line commutated convertors  
Part 1-3: Transformers and reactors  
(IEC 146-1-3:1991)

Convertisseurs à semiconducteurs  
Spécifications communes et  
convertisseurs commutés par le  
réseau  
Partie 1-3: Transformateurs et  
bobines d'inductance  
(CEI 146-1-3:1991)

Halbleiter-Stromrichter  
Allgemeine Anforderungen und  
netzgeführte Stromrichter  
Teil 1-3: Transformatoren und  
Drosselspulen  
(IEC 146-1-3:1991)

---

This European Standard was approved by CENELEC on 1992-12-09.  
CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations  
which stipulate the conditions for giving this European Standard the status of  
a national standard without any alteration.

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

This European Standard exists in three official versions (English, French, German).  
A version in any other language made by translation under the responsibility of  
a CENELEC member into its own language and notified to the Central Secretariat  
has the same status as the official versions.

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



This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

- 
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
  - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-