



National Standards Authority of Ireland

IRISH STANDARD

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

ICS 29.180  
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**SEMICONDUCTOR CONVERTORS GENERAL  
REQUIREMENTS AND LINE COMMUTED  
CONVERTORS. PART 1-3: TRANSFORMERS  
AND REACTORS (IEC 146-1-3:1991)**

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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)

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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

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EUROPAISCHE NORM

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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)

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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
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