



BSI Standards Publication

Lamp controlgear

Part 2-2: Particular requirements for
d.c. or a.c. supplied electronic step-down
convertors for filament lamps

National foreword

This British Standard is the UK implementation of EN 61347-2-2:2012. It is identical to IEC 61347-2-2:2011. It supersedes BS EN 61347-2-2:2001+A2:2006, which will be withdrawn on 11 January 2015.

The UK participation in its preparation was entrusted by Technical Committee CPL/34, Lamps and Related Equipment, to Subcommittee CPL/34/3, Auxiliaries for lamps.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Published by BSI Standards Limited 2012

ISBN 978 0 580 58768 9

ICS 29.140.99

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 March 2012.

Amendments issued since publication

Amd. No.	Date	Text affected
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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61347-2-2

March 2012

ICS 29.140.99

Supersedes EN 61347-2-2:2001 + corr. Jul.2003 + A1:2006 + A2:2006 + corr. Nov.2006

English version

Lamp controlgear -
Part 2-2: Particular requirements for d.c. or a.c. supplied electronic step-down convertors for filament lamps
(IEC 61347-2-2:2011)

Appareillages de lampes -
Partie 2-2: Exigences particulières pour
les convertisseurs abaisseurs
électroniques alimentés en courant
continu ou alternatif pour lampes à
incandescence
(CEI 61347-2-2:2011)

Geräte für Lampen -
Teil 2-2: Besondere Anforderungen an
gleich- oder wechselstromversorgte
elektronische Konverter für Glühlampen
(IEC 61347-2-2:2011)

This European Standard was approved by CENELEC on 2012-01-11. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

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CENELEC

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

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Ref. No. EN 61347-2-2:2012 E

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Foreword

The text of document 34C/994/FDIS, future edition 2 of IEC 61347-2-2, prepared by SC 34C, "Auxiliaries for lamps", of IEC/TC 34, "Lamps and related equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61347-2-2:2012.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2012-10-11
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2015-01-11

This document supersedes EN 61347-2-2:2001 + corr Jul. 2003 + A1:2006 + A2:2006 + corr. Nov. 2006.

The major modification for EN 61347-2-2:2012 is the changeover from SELV equivalent to SELV.

This standard shall be used in conjunction with EN 61347-1:2008 + A1:2011 + A2:200X¹.

This part 2 supplements or modifies the clauses in EN 61347-1, so as to convert that publication into the European Standard: Particular requirements for d.c. or a.c. supplied electronic step-down convertors for filament lamps.

NOTE In this standard, the following print types are used:

- Requirements proper: in roman type.
- *Test specifications: in italic type.*
- Explanatory matter: in smaller roman type.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

Endorsement notice

The text of the International Standard IEC 61347-2-2:2011 was approved by CENELEC as a European Standard without any modification.

¹ To be published.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60357	-	Tungsten halogen lamps (non-vehicle) - Performance specifications	EN 60357	-
IEC 61047	-	DC or AC supplied electronic step-down convertors for filament lamps - Performance requirements	EN 61047	-
IEC 61347-1 (mod) + A1	2007 2010	Lamp controlgear - Part 1: General and safety requirements	EN 61347-1 + A1	2008 2011
IEC 61558-2-1	-	Safety of power transformers, power supplies, reactors and similar products - Part 2-1: Particular requirements and tests for separating transformers and power supplies incorporating separating transformers for general applications	EN 61558-2-1	-
IEC 61558-2-6	-	Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V - Part 2-6: Particular requirements and tests for safety isolating transformers and power supply units incorporating safety isolating transformers	EN 61558-2-6	-
IEC 61558-2-13	-	Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V - Part 2-13: Particular requirements and tests for auto transformers and power supply units incorporating auto transformers	EN 61558-2-13	-
IEC 61558-2-16	-	Safety of transformers, reactors, power supply units and similar products for voltages up to 1 100 V - Part 2-16: Particular requirements and tests for switch mode power supply units and transformers for switch mode power supply units	EN 61558-2-16	-

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