



**NSAI**  
Standards

Irish Standard  
I.S. EN 13611:2015&AC:2016

# Safety and control devices for burners and appliances burning gaseous and/or liquid fuels - General requirements

**I.S. EN 13611:2015&AC:2016**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

EN 13611:2015/AC:2016

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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.

*This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):*

*NOTE: The date of any NSAI previous adoption may not match the date of its original CEN/CENELEC document.*

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EN 13611:2015

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## National Foreword

I.S. EN 13611:2015&AC:2016 is the adopted Irish version of the European Document EN 13611:2015, Safety and control devices for burners and appliances burning gaseous and/or liquid fuels - General requirements

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

**Compliance with this document does not of itself confer immunity from legal obligations.**

*In line with international standards practice the decimal point is shown as a comma (,) throughout this document.*

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EUROPEAN STANDARD

**EN 13611:2015/AC**

NORME EUROPÉENNE

February 2016

EUROPÄISCHE NORM

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English version  
Version Française  
Deutsche Fassung

Safety and control devices for burners and appliances burning gaseous and/or liquid fuels - General requirements

Équipements auxiliaires pour brûleurs et appareils utilisant des combustibles gazeux ou liquides - Exigences générales

Sicherheits- und Regeleinrichtungen für Brenner und Brennstoffgeräte für gasförmige und/oder flüssige Brennstoffe - Allgemeine Anforderungen

This corrigendum becomes effective on 10 February 2016 for incorporation in the three official language versions of the EN.

Ce corrigendum prendra effet le 10 février 2016 pour incorporation dans les trois versions linguistiques officielles de la EN.

Die Berichtigung tritt am 10. Februar 2016 zur Einarbeitung in die drei offiziellen Sprachfassungen der EN in Kraft.



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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## EN 13611:2015/AC:2016 (E)

## 1 Modification to Table E.1

Replace Table E.1 with the following one:

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**Table E.1 — Electrical/electronic component faults modes**

Component type	Short	Open <sup>a</sup>	Remarks
<b>Fixed resistors:</b> Thin film (wound filament) Thick film (flat) Wire-wound (single layer) All other types	x	x x x x	Includes SMD type Includes SMD type
<b>Variable resistors</b> (e.g. potentiometer/trimmer): Wire-wound (single layer) All other types	x <sup>b</sup>	x x	
<b>Capacitors:</b> X1 and Y types according to EN 60384-14:2013 Metallized film according to EN 60384-16:2005 All other types	x	x x x	
<b>Inductors:</b> Wire-wound (single layer) All other types	x	x x	
<b>Diodes:</b> All types	x	x	
<b>Transistors:</b> All types (e.g. Bipolar: LF; RF; microwave; FET; Thyristor; Diac; Triac; Uni junction)	x <sup>b</sup>	x	c
<b>Hybrid circuit</b>	d	d	
<b>Integrated circuits</b>	x <sup>e</sup>	x	For IC outputs note <sup>c</sup> applies
<b>Photocouplers</b>	x <sup>f</sup>	x	
<b>Relays:</b> Coils  Contacts Reed-relays	x  x <sup>g h o</sup> x	x  x x	If the relay complies with EN 61810-1:2008 the failure mode short circuit need not be considered.  Contacts only
<b>Electromechanical lock-out elements:</b> Coils Contacts	x x <sup>p</sup>	x x	

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