



National Standards Authority of Ireland

STANDARD

**I.S. EN 61008-1:2004**

ICS 29.120.50

**RESIDUAL CURRENT OPERATED  
CIRCUIT-BREAKERS WITHOUT INTEGRAL  
OVERCURRENT PROTECTION FOR  
HOUSEHOLD AND SIMILAR USES (RCCB'S)  
PART 1: GENERAL RULES (IEC 61008-1:1996  
+ A1:2002, MODIFIED)**

National Standards  
Authority of Ireland  
Dublin 9  
Ireland

Tel: (01) 807 3800  
Fax: (01) 807 3838

*This Irish Standard was  
published under the  
authority of the National  
Standards Authority of  
Ireland  
and comes into effect on:  
November 24, 2004*

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

© NSAI 2004

**Price Code N**

Údarás um Chaighdeán Náisiúnta na hÉireann





National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 61008-1/IS1:2007

ICS

**RESIDUAL CURRENT OPERATED CIRCUIT-  
BREAKERS WITHOUT INTEGRAL  
OVERCURRENT PROTECTION FOR  
HOUSEHOLD AND SIMILAR USES  
(RCCB'S) -- PART 1: GENERAL RULES**

National Standards  
Authority of Ireland  
Glasnevin, Dublin 9  
Ireland

Tel: +353 1 807 3800  
Fax: +353 1 807 3838  
<http://www.nsai.ie>

**Sales**

<http://www.standards.ie>

*This Irish Standard was  
published under the authority  
of the National Standards  
Authority of Ireland and  
comes into effect on:  
25 September 2007*

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

© NSAI 2007

**Price Code B**

Údarás um Chaighdeáin Náisiúnta na hÉireann

*This page is intentionally left BLANK.*

## Interpretation Sheet 1

### EN 61008-1:2004

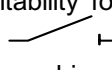
English version

---

#### Foreword

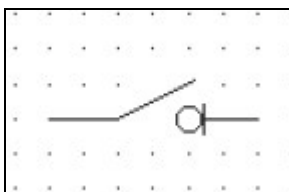
This Interpretation Sheet to the European Standard EN 61008-1:2004 was prepared by the Interpretation Panel of the Technical Committee CENELEC TC 23E, Circuit breakers and similar devices for household and similar applications. The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC on 2007-05-07.

#### Subclause 6.Z.1, last but one paragraph

The suitability for isolation, which is provided by all RCCBs of this standard, may be indicated by the symbol  on the device. When affixed, this marking may be included in a wiring diagram, where it may be combined with symbols of other functions.

#### Question:

Is the use of the following Graphical Symbols, in the Connection Diagrams, acceptable?



According to IEC 60617-7-DB-12M, *Graphical Symbols for Diagrams*, this symbol is applicable for switch-disconnector function.

As the suitability for isolation is provided by the compliance of RCCB with EN 61008-1, it may be indicated by the relevant symbol on the device.

Therefore, this marking may be included in a wiring diagram, as it is the combination of the symbols for the switch and the disconnector functions.

**Interpretation:**

The answer is YES according to the following standard:

IEC 60617-7-DB-12M 07-13-08, *Graphical Symbols for Diagrams*

Therefore this symbol may be used as an alternative solution to the symbol given in EN 61008-1 for the connection diagram.

---

August 2007

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](#)
-