



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)**

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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**

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Interpretation Sheet 1


EN 61008-1:2004

English version

Foreword

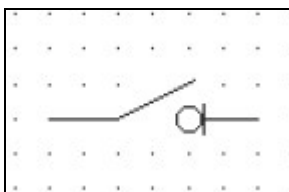
This Interpretation Sheet to the European Standard EN 61008-1:2004 was prepared by the Interpretation Panel of the Technical Committee CENELEC TC 23E, Circuit breakers and similar devices for household and similar applications. The text of the draft was submitted to the Unique Acceptance Procedure and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

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