



National Standards Authority of Ireland

IRISH STANDARD

**I.S. CLC/TS 61643-12:2006**

ICS 29.240  
29.240.10

**LOW-VOLTAGE SURGE PROTECTIVE  
DEVICES -- PART 12: SURGE PROTECTIVE  
DEVICES CONNECTED TO LOW-VOLTAGE  
POWER SYSTEMS - SELECTION AND  
APPLICATION PRINCIPLES (IEC  
61643-12:2002 (MOD))**

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SPÉCIFICATION TECHNIQUE  
TECHNISCHE SPEZIFIKATION

**CLC/TS 61643-12**

August 2006

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English version

**Low-voltage surge protective devices  
Part 12: Surge protective devices connected  
to low-voltage power systems –  
Selection and application principles  
(IEC 61643-12:2002, modified)**

Parafoudres basse tension  
Partie 12: Parafoudres connectés aux  
réseaux de distribution basse tension –  
Principes de choix et d'application  
(CEI 61643-12:2002, modifiée)

Überspannungsschutzgeräte für  
Niederspannung  
Teil 12: Überspannungsschutzgeräte für  
den Einsatz in Niederspannungsanlagen –  
Auswahl und Anwendungsgrundsätze  
(IEC 61643-12:2002, modifiziert)

This Technical Specification was approved by CENELEC on 2006-04-15.

CENELEC members are required to announce the existence of this TS in the same way as for an EN and to make the TS available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

**CENELEC**

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

**Central Secretariat: rue de Stassart 35, B - 1050 Brussels**



## Foreword

The text of the International Standard IEC 61643-12:2002, prepared by SC 37A, Low-voltage surge protective devices, of IEC TC 37, Surge arresters, together with the common modifications prepared by CLC 37A was submitted to the formal vote. The combined text was approved by CENELEC as CLC/TS 61643-12 on 2006-04-15.

The following date was fixed:

- latest date by which the existence of the CLC/TS  
has to be announced at national level (doa) 2006-07-01

Annex ZA has been added by CENELEC.

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