



NSAI
Standards

Irish Standard Recommendation
S.R. CLC/TS 61643-22:2016

Low-voltage surge protective devices - Part 22: Surge protective devices connected to telecommunications and signalling networks - Selection and application principles

S.R. CLC/TS 61643-22:2016

Incorporating amendments/corrigenda/National Annexes issued since publication:

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I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

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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):

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Údarás um Chaighdeáin Náisiúnta na hÉireann

National Foreword

S.R. CLC/TS 61643-22:2016 is the adopted Irish version of the European Document CLC/TS 61643-22:2016, Low-voltage surge protective devices - Part 22: Surge protective devices connected to telecommunications and signalling networks - Selection and application principles

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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TECHNICAL SPECIFICATION

CLC/TS 61643-22

SPÉCIFICATION TECHNIQUE

TECHNISCHE SPEZIFIKATION

March 2016

ICS 29.240.01; 29.240.10

Supersedes CLC/TS 61643-22:2006

English Version

**Low-voltage surge protective devices -
Part 22: Surge protective devices connected to
telecommunications and signalling networks - Selection and
application principles
(IEC 61643-22:2015 , modified)**

Parafoudres basse tension -
Partie 22: Parafoudres connectés aux réseaux de signaux
et de télécommunications - Principes de choix et
d'application
(IEC 61643-22:2015 , modifiée)

Überspannungsschutzgeräte für Niederspannung -
Teil 22: Überspannungsschutzgeräte für den Einsatz in
Telekommunikations- und signalverarbeitenden Netzwerken
- Auswahl und Anwendungsprinzipien
(IEC 61643-22:2015 , modifiziert)

This Technical Specification was approved by CENELEC on 2016-02-29.

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

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CLC/TS 61643-22:2016

European foreword

This document (CLC/TS 61643-22:2016) consists of the text of IEC 61643-22:2015 prepared by SC 37A "Low-voltage surge protective devices" of IEC/TC 37 "Surge arresters", together with the common modifications prepared by CLC/TC 37A "Low voltage surge protective devices".

This document supersedes CLC/TS 61643-22:2006.

CLC/TS 61643-22:2016 includes the following significant technical changes with respect to CLC/TS 61643-22:2006:

- a) Update the use of multiservice SPDs (Article 8)
- b) Comparison between SPD classification of EN 61643-11 and EN 61643-21 (7.3.3)
- c) Consideration of new transmission systems as PoE (Annex F)
- d) EMC requirements of SPDs (Annex G)
- e) Maintenance cycles of SPDs (Annex I)

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Endorsement notice

The text of the International Standard IEC 61643-22:2015 was approved by CENELEC as a European Standard with agreed common modifications.

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