

STN	Nízkonapäťové ochrany pred prepätím. Časť 22: Ochrany pred prepätím zapojené do telekomunikačných a signálnych sietí. Výber a princípy používania.	STN P CLC/TS 61643-22 34 1392
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Low-voltage surge protective devices - Part 22: Surge protective devices connected to telecommunications and signalling networks - Selection and application principles

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 09/16

Obsahuje: CLC/TS 61643-22:2016, IEC 61643-22:2015

Oznámením tejto normy sa ruší
STN P CLC/TS 61643-22 (34 1392) zo septembra 2006

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Úrad pre normalizáciu, metrológiu a skúšobníctvo SR, 2016
Podľa zákona č. 264/1999 Z. z. v znení neskorších predpisov sa môžu slovenské technické normy rozmnožovať a rozširovať iba so súhlasom Úradu pre normalizáciu, metrológiu a skúšobníctvo SR.

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.

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.

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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.

CLCTS 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)

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

Endorsement notice

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

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 61643-21:2001 + A1:2009 +A2:2013, *Low voltage surge protective devices – Part 21: Surge protective devices connected to telecommunications and signalling networks – Performance requirements and testing methods* (IEC 61643-21:2000 + A1:2008, modified +A2:2012)

EN 61643-11, *Low-voltage surge protective devices – Part 11: Surge protective devices connected to low-voltage power systems - Requirements and test methods* (IEC 61643-11)

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

EN 62305-1:2011, *Protection against lightning – Part 1: General principles* (IEC 62305-1:2010, modified)

EN 62305-2:2012, *Protection against lightning – Part 2: Risk management* (IEC 62305-2:2010, modified)

EN 62305-3:2011 *Protection against lightning – Part 3: Physical damage to structures and life hazard* (IEC 62305-3:2010, modified)

EN 62305-4:2011 *Protection against lightning – Part 4: Electrical and electronic systems within structures* (IEC 62305-4:2010, modified)

EN 61000-4-5, *Electromagnetic compatibility (EMC) – Part 4-5: Testing and measurement techniques – Surge immunity test* (IEC 61000-4-5)

koniec náhľadu – text ďalej pokračuje v platenej verzii STN