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## Zur Kritik vorgelegte Entwürfe

Im Hinblick auf die spätere Übernahme in das Normenwerk von Electrosuisse werden folgende Entwürfe zur Stellungnahme ausgeschrieben. Alle an der Materie Interessierten sind hiermit eingeladen, diese Entwürfe zu prüfen und eventuelle Stellungnahmen dazu Electrosuisse schriftlich einzureichen. Die ausgeschrieben Entwürfe (im Normenshop nicht aufgeführt) können gegen Kostenbeteiligung beim Normenverkauf, Electrosuisse, Luppenstrasse 1, 8320 Fehraltorf, Tel. +41 58 595 12 64, normenverkauf@electrosuisse.ch, bezogen werden.

### Projets de normes mis à l'enquête

En vue d'une reprise ultérieure dans le recueil des normes d'Electrosuisse, les projets suivants sont mis à l'enquête pour prise de position. Tous les intéressés en la matière sont invités à étudier ces projets et à adresser, par écrit, leurs observations éventuelles à Electrosuisse. Les projets mis à l'enquête (non mentionnés au shop en ligne) peuvent être obtenus, moyennant une participation aux frais, auprès d'Electrosuisse, Vente des normes, Luppenstrasse 1, 8320 Fehraltorf, tél. +41 58 595 12 64, normenverkauf@electrosuisse.ch.

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**TK 4** **Einsprachetermin/ délai d'envoi des observations: 2023-06-30**  
**4/460/CDV - Draft IEC//EN IEC 63461**

Pelton hydraulic turbines - Model acceptance tests

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**TK 8** **Einsprachetermin/ délai d'envoi des observations: 2023-07-14**  
**EN 50549-1:2019/prA1:2023**

Requirements for generating plants to be connected in parallel with distribution networks - Part 1: Connection to a LV distribution network - Generating plants up to and including Type B

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**TK 8** **Einsprachetermin/ délai d'envoi des observations: 2023-07-14**  
**EN 50549-2:2019/prA1:2023 - Draft EN 50549-2/prA1**

Requirements for generating plants to be connected in parallel with distribution networks - Part 2: Connection to a MV distribution network - Generating plants up to and including Type B

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**TK 9** **Einsprachetermin/ délai d'envoi des observations: 2023-07-21**  
**prEN 50617-2:2023**

Railway applications - Technical parameters of train detection systems for the interoperability of the trans-European railway system - Part 2: Axle counters

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**TK 10** **Einsprachetermin/ délai d'envoi des observations: 2023-06-30**  
**10/1197/CDV - Draft IEC//EN IEC 63360**

Fluids for electrotechnical application: Mixtures of gases alternative to SF6

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**TK 15** **Einsprachetermin/ délai d'envoi des observations: 2023-06-30**  
**112/605/CDV - Draft IEC//EN IEC 61857-33**

Electrical insulation systems - Procedures for thermal evaluation - Part 33: Multifactor evaluation with increased ageing factors at elevated temperature

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**TK 15** **Einsprachetermin/ délai d'envoi des observations: 2023-07-14**  
**112/608/CDV - Draft IEC//EN IEC 62631-3-12**

Dielectric and resistive properties of solid insulating materials - Part 3-12: Determination of resistive properties (DC Methods) - Volume resistance and volume resistivity, method for casting resins

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**TK 15** **Einsprachetermin/ délai d'envoi des observations: 2023-07-07**  
**112/606/CDV - Draft IEC//EN IEC 62836**

Measurement of internal electric field in insulating materials - Pressure wave propagation method

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**TK 15** **Einsprachetermin/ délai d'envoi des observations: 2023-07-07**  
**112/606A/CDV - Draft IEC//EN IEC 62836**

Measurement of internal electric field in insulating materials - Pressure wave propagation method

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**TK 17AC** **Einsprachetermin/ délai d'envoi des observations: 2023-07-14**  
**17A/1384/DTS - Draft IEC/TS 62271-313**

High-voltage switchgear and controlgear - Part 313: Direct current circuit-breakers

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| <b>TK 17AC</b>   | <b>Einsprachetermin/ délai d'envoi des observations: 2023-07-14</b> |
| <b>17A/1383/DTS - Draft IEC/TS 62271-315</b>   |   |
| High-voltage switchgear and controlgear - Part 315: Direct current (DC) transfer switches  |   |
| <b>TK 17AC</b>   | <b>Einsprachetermin/ délai d'envoi des observations: 2023-06-30</b> |
| <b>17A/1380/DTS - Draft IEC/TS 62271-316</b>   |   |
| High-voltage switchgear and controlgear - Part 316: Direct current by-pass switches and paralleling switches   |   |
| <b>TK 34</b>   | <b>Einsprachetermin/ délai d'envoi des observations: 2023-07-14</b> |
| <b>34C/1578/CDV - Draft IEC//EN IEC 61347-2-11</b>   |   |
| Controlgear for electric light sources – Safety – Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires  |   |
| <b>TK 34</b>   | <b>Einsprachetermin/ délai d'envoi des observations: 2023-06-30</b> |
| <b>34/1031/CDV - Draft IEC//EN IEC 63403-1</b>   |   |
| LED packages for horticultural lighting - Part 1: Specification sheet  |   |
| <b>TK 34</b>   | <b>Einsprachetermin/ délai d'envoi des observations: 2023-06-30</b> |
| <b>34/1032/CDV - Draft IEC//EN IEC 63403-2</b>   |   |
| LED packages for horticultural lighting - Part 2: Binning  |   |
| <b>TK 40</b>   | <b>Einsprachetermin/ délai d'envoi des observations: 2023-06-30</b> |
| <b>40/3039/CDV - Draft IEC 60115-4-10</b>  |   |
| Fixed resistors for use in electronic equipment - Part 4-10: Blank detail specification: Power resistors with axial leads for through-hole assembly on circuit boards (THT), for general electronic equipment - Classification level G |   |
| <b>TK 42</b>   | <b>Einsprachetermin/ délai d'envoi des observations: 2023-07-07</b> |
| <b>42/418/CDV - Draft IEC//EN IEC 60270</b>  |   |
| High-voltage test techniques - Charge-based measurement of partial discharges  |   |
| <b>TK 56</b>   | <b>Einsprachetermin/ délai d'envoi des observations: 2023-07-14</b> |
| <b>56/1992/CDV - Draft IEC//EN IEC 60300-3-14</b>  |   |
| Dependability management - Part 3-14: Application guide - Supportability and support   |   |
| <b>TK 62</b>   | <b>Einsprachetermin/ délai d'envoi des observations: 2023-07-07</b> |
| <b>62D/2043/CDV - Draft IEC 80601-2-79</b>   |   |
| Medical electrical equipment - Part 2-79: Particular requirements for basic safety and essential performance of ventilatory support equipment for ventilatory impairment   |   |
| <b>TK 62</b>   | <b>Einsprachetermin/ délai d'envoi des observations: 2023-07-07</b> |
| <b>62D/2044/CDV - Draft IEC 80601-2-80</b>   |   |
| Medical electrical equipment - Part 2-80: Particular requirements for basic safety and essential performance of ventilatory support equipment for ventilatory insufficiency  |   |
| <b>TK 65</b>   | <b>Einsprachetermin/ délai d'envoi des observations: 2023-06-30</b> |
| <b>65B/1229/CDV - Draft IEC//EN IEC 61131-3</b>  |   |
| Programmable controllers - Part 3: Programming languages   |   |
| <b>TK 65</b>   | <b>Einsprachetermin/ délai d'envoi des observations: 2023-06-30</b> |
| <b>65C/1252/CDV - Draft IEC//EN IEC 61784-3/A1</b>   |   |
| Amendment 1 - Industrial communication networks - Profiles - Part 3: Functional safety fieldbuses - General rules and profile definitions  |   |
| <b>TK 65</b>   | <b>Einsprachetermin/ délai d'envoi des observations: 2023-07-21</b> |
| <b>65E/1000/CDV - Draft IEC//EN IEC 61406-2</b>  |   |
| Identification Link - Part 2: Types/Models, Lots/Batches, Items and Characteristics  |   |
| <b>TK 77BC</b>   | <b>Einsprachetermin/ délai d'envoi des observations: 2023-07-21</b> |
| <b>77C/326/CDV - Draft IEC 61000-5-6</b>   |   |
| Electromagnetic Compatibility (EMC) – Part 5-6: Installation and mitigation guidelines – Mitigation of external EM influences  |   |

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| <b>TK 86</b>  | <b>Einsprachetermin/ délai d'envoi des observations: 2023-07-21</b> |
| <b>86B/4754/CDV - Draft IEC//EN IEC 60875-1</b>   |   |
| Fibre optic interconnecting devices and passive components - Non-wavelength-selective fibre optic branching devices - Part 1: Generic specification   |   |
| <b>TK 86</b>  | <b>Einsprachetermin/ délai d'envoi des observations: 2023-07-21</b> |
| <b>86B/4755/CDV - Draft IEC//EN IEC 61753-082-02</b>  |   |
| Fibre optic interconnecting devices and passive components performance standard - Part 082-02: Pigtailed single-mode fibre optic 1,31/1,55 µm WWDM devices for category C - Indoor controlled environment   |   |
| <b>TK 86</b>  | <b>Einsprachetermin/ délai d'envoi des observations: 2023-07-21</b> |
| <b>86B/4753/CDV - Draft IEC//EN IEC 61978-1</b>   |   |
| Fibre optic interconnecting devices and passive components - Fibre optic passive chromatic dispersion compensators - Part 1: Generic specification  |   |
| <b>TK 86</b>  | <b>Einsprachetermin/ délai d'envoi des observations: 2023-06-30</b> |
| <b>86B/4763/DPAS - Draft IEC/PAS 63503-3-30</b>   |   |
| Fibre optic interconnecting devices and passive components – Connector optical interfaces for multi-core fibre – Part 3-30: Connector parameters of standard outer diameter 4-core physically contacting fibres - non-angled 2,5 mm and 1,25 mm diameter cylindrical full zirconia ferrules |   |
| <b>TK 87</b>  | <b>Einsprachetermin/ délai d'envoi des observations: 2023-06-30</b> |
| <b>87/830/CDV - Draft IEC//EN IEC 63412-1</b>   |   |
| Ultrasonics - Shear-wave elastography - Part 1: Specifications for the user interface   |   |
| <b>TK 88</b>  | <b>Einsprachetermin/ délai d'envoi des observations: 2023-07-07</b> |
| <b>88/954/DTS - Draft IEC/TS 61400-26-4</b>   |   |
| Wind energy generation systems - Part 26-4: Reliability for wind energy generating systems  |   |
| <b>TK 88</b>  | <b>Einsprachetermin/ délai d'envoi des observations: 2023-07-07</b> |
| <b>88/955/DTS - Draft IEC/TS 61400-28</b>   |   |
| Wind energy generation systems - Part 28: Through life management and life extension of wind power assets   |   |
| <b>TK 100</b>   | <b>Einsprachetermin/ délai d'envoi des observations: 2023-07-07</b> |
| <b>100/3928/DTS - Draft IEC/TS 61966-13</b>   |   |
| Multimedia systems and equipment - Colour measurement and management - Part 13: Measurement method of Display Colour Properties Depending on Observers (TA 2)   |   |
| <b>TK 105</b>   | <b>Einsprachetermin/ délai d'envoi des observations: 2023-07-21</b> |
| <b>105/982/CDV - Draft IEC//EN IEC 62282-6-401</b>  |   |
| Fuel cell technologies - Part 6-401: Micro fuel cell power systems - Power and data interchangeability - Performance test methods for laptop computers  |   |
| <b>TK 117</b>   | <b>Einsprachetermin/ délai d'envoi des observations: 2023-07-14</b> |
| <b>117/177/CDV - Draft IEC//EN IEC 62862-1-5</b>  |   |
| Solar thermal electric plants - Part 1-5: Performance code test for solar thermal electric plants   |   |
| <b>TK 120</b>   | <b>Einsprachetermin/ délai d'envoi des observations: 2023-07-14</b> |
| <b>120/316/CDV - Draft IEC//EN IEC 62933-4-2</b>  |   |
| Electric Energy Storage Systems - Part 4-2- Assessment of the environmental impact of battery failure in an electrochemical based storage system  |   |
| <b>TK SyK AAL</b>   | <b>Einsprachetermin/ délai d'envoi des observations: 2023-07-21</b> |
| <b>SyCAAL/301/DTS - Draft IEC/SRD 63416</b>   |   |
| Ethical considerations of Artificial Intelligence (AI) when applied in the Active Assisted Living (AAL) context   |   |

## **Ankündigung von Europäischen Normen**

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Das europäische Komitee für elektrotechnische Normung CENELEC hat die nachstehend aufgeführten Europäischen Normen (EN) und Harmonisierungsdokumente (HD) angenommen. Die Übernahme/Anerkennung in das schweizerische Normenwerk (SN) ist in Vorbereitung

### **Annonce de normes européennes**

Le Comité européen de normalisation CENELEC a approuvé les normes européennes (EN) et les documents d'harmonisation (HD) selon la liste ci-après. La mise en application / reconnaissance des normes européennes (EN) dans le recueil des normes suisses (SN) est en préparation.

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#### **TK 4**

##### **EN IEC 63132-5:2023**

Guidance for installation procedures and tolerances of hydroelectric machines - Part 5: Bulb turbines and generators  
*[IEC 63132-5:2023]*

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#### **TK 4**

##### **EN IEC 63132-6:2023**

Guidance for installation procedures and tolerances of hydroelectric machines - Part 6: Vertical Pelton turbines  
*[IEC 63132-6:2023]*

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#### **TK 9**

##### **EN IEC 62847:2023**

Railway applications - Rolling stock - Electrical connectors - Requirements and test methods  
*[IEC 62847:2016]*

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#### **TK 11**

##### **EN 50341-2-18:2023**

Overhead electrical lines exceeding AC 1 kV - Part 2-18: National Normative Aspects (NNA) for Sweden (based on EN 50341-1:2012)

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#### **TK 13**

##### **EN IEC 62057-1:2023**

Electrical energy meters - Test equipment, techniques and procedures - Part 1: Stationary meter test units (MTUs)  
*[IEC 62057-1:2023]*

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#### **TK 14**

##### **EN IEC 60076-25:2023**

Power transformers - Part 25: Neutral grounding resistors  
*[IEC 60076-25:2023]*

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#### **TK 17AC**

##### **EN IEC 62271-110:2023**

High-voltage switchgear and controlgear - Part 110: Inductive load switching  
*[IEC 62271-110:2023]*

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#### **TK 20**

##### **EN IEC 60230:2018/A1:2023**

Impulse tests on cables and their accessories  
*[IEC 60230:2018/A1:2021]*

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#### **UK 23B**

##### **EN 60670-24:2013/A11:2023**

Boxes and enclosures for electrical accessories for household and similar fixed electrical installations - Part 24: Particular requirements for enclosures for housing protective devices and other power dissipating electrical equipment

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**TK 31****EN 50104:2019/A1:2023**

Electrical equipment for the detection and measurement of oxygen - Performance requirements and test methods

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**TK 31****EN 50292:2023**

Electrical apparatus for the detection of carbon monoxide in domestic premises, caravans and boats - Guide on the selection, installation, use and maintenance

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**TK 34****EN 50705:2023**

Lighting equipment with radio communication - safety requirements

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**TK 34****EN IEC 61547:2023**

Equipment for general lighting purposes - EMC immunity requirements  
*[IEC 61547:2020]*

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**TK 34****EN IEC 62386-150:2023**

Digital addressable lighting interface – Part 150: Particular requirements - Auxiliary power supply  
*[IEC 62386-150:2023]*

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**TK 34****EN IEC 62386-250:2023**

Digital addressable lighting interface - Part 250: Particular requirements - Integrated power supply (device type 49)  
*[IEC 62386-250:2023]*

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**TK 34****EN IEC 62386-251:2023**

Digital addressable lighting interface - Part 251: Particular requirements - Memory bank 1 extension (device type 50)  
*[IEC 62386-251:2023]*

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**TK 34****EN IEC 62386-252:2023**

Digital addressable lighting interface - Part 252: Particular requirements - Energy reporting (device type 51)  
*[IEC 62386-252:2023]*

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**TK 34****EN IEC 62386-253:2023**

Digital addressable lighting interface - Part 253: Particular requirements - Diagnostics and maintenance (device type 52)  
*[IEC 62386-253:2023]*

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**TK 35****EN IEC 62281:2019/A2:2023**

Safety of primary and secondary lithium cells and batteries during transport  
*[IEC 62281:2019/A2:2023]*

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**TK 46****EN 50289-1-2:2023**

Communication cables - Specifications for test methods - Part 1-2: Electrical test methods - DC resistance

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**TK 46****EN IEC 60966-3-3:2023**

Radio frequency and coaxial cable assemblies - Part 3-3: Detail specification for semi-flexible cable assemblies (jumper) - Frequency range up to 18 GHz, Type 50-141 semi-flexible coaxial cable  
*[IEC 60966-3-3:2023]*

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**TK 46****EN IEC 60966-3-4:2023**

Radio frequency and coaxial cable assemblies - Part 3-4: Detail specification for semi-flexible cable assemblies (jumper) - Frequency range up to 6 GHz, Type 50-141 semi-flexible coaxial cable

*[IEC 60966-3-4:2023]*

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**TK 47****EN IEC 63287-2:2023**

Semiconductor devices - Guidelines for reliability qualification plans - Part 2: Concept of mission profile

*[IEC 63287-2:2023]*

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**TK 56****EN IEC 61124:2023**

Reliability testing - Compliance tests for constant failure rate and constant failure intensity

*[IEC 61124:2023]*

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**TK 59****EN IEC 60350-1:2023**

Household electric cooking appliances - Part 1: Ranges, ovens, steam ovens and grills - Methods for measuring performance

*[IEC 60350-1:2023]*

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**TK 59****EN IEC 61591:2023**

Cooking fume extractors - Methods for measuring performance

*[IEC 61591:2023]*

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**TK 61****EN IEC 60335-2-103:2023**

Household and similar electrical appliances - Safety - Part 2-103: Particular requirements for drives for gates, doors and windows

*[IEC 60335-2-103:2015]*

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**TK 61****EN IEC 60335-2-103:2023/A1:2023**

Household and similar electrical appliances - Safety - Part 2-103: Particular requirements for drives for gates, doors and windows

*[IEC 60335-2-103:2015/A1:2017]*

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**TK 61****EN IEC 60335-2-103:2023/A11:2023**

Household and similar electrical appliances - Safety - Part 2-103: Particular requirements for drives for gates, doors and windows

**TK 61****EN IEC 60335-2-103:2023/A2:2023**

Household and similar electrical appliances - Safety - Part 2-103: Particular requirements for drives for gates, doors and windows

*[IEC 60335-2-103:2015/A2:2019]*

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**TK 61****EN IEC 60335-2-113:2023**

Household and similar electrical appliances - Safety - Part 2-113: Particular requirements for cosmetic and beauty care appliances incorporating lasers and intense light sources

*[IEC 60335-2-113:2016]*

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**TK 61****EN IEC 60335-2-113:2023/A11:2023**

Household and similar electrical appliances - Safety - Part 2-113: Particular requirements for cosmetic and beauty care appliances incorporating lasers and intense light sources

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**TK 61****EN IEC 60335-2-115:2023**

Household and similar electrical appliances - Safety - Part 2-115: Particular requirements for skin beauty care appliances  
*[IEC 60335-2-115:2021]*

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**TK 61****EN IEC 60335-2-115:2023/A11:2023**

Household and similar electrical appliances - Safety - Part 2-115: Particular requirements for skin beauty care appliances

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**TK 61****EN IEC 60335-2-23:2023**

Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for appliances for skin or hair care  
*[IEC 60335-2-23:2016]*

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**TK 61****EN IEC 60335-2-23:2023/A1:2023**

Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for appliances for skin or hair care  
*[IEC 60335-2-23:2016/A1:2019]*

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**TK 61****EN IEC 60335-2-23:2023/A11:2023**

Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for appliances for skin or hair care

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**TK 61****EN IEC 60335-2-34:2023**

Household and similar electrical appliances - Safety - Part 2-34: Particular requirements for motor-compressors  
*[IEC 60335-2-34:2021]*

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**TK 61****EN IEC 60335-2-34:2023/A11:2023**

Household and similar electrical appliances - Safety - Part 2-34: Particular requirements for motor-compressors

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**TK 61****EN IEC 60335-2-40:2023**

Household and similar electrical appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers  
*[IEC 60335-2-40:2018]*

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**TK 61****EN IEC 60335-2-40:2023/A11:2023**

Household and similar electrical appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers

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**TK 61****EN 60335-2-45:2002/A11:2023**

Household and similar electrical appliances - Safety - Part 2-45: Particular requirements for portable heating tools and similar appliances

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**TK 61****EN IEC 60335-2-75:2023**

Household and similar electrical appliances - Safety - Part 2-75: Particular requirements for commercial dispensing appliances and vending machines  
*[IEC 60335-2-75:2012]*

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**TK 61****EN IEC 60335-2-75:2023/A1:2023**

Household and similar electrical appliances - Safety - Part 2-75: Particular requirements for commercial dispensing appliances and vending machines  
*[IEC 60335-2-75:2012/A1:2015]*

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**TK 61****EN IEC 60335-2-75:2023/A11:2023**

Household and similar electrical appliances - Safety - Part 2-75: Particular requirements for commercial dispensing appliances and vending machines

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**TK 61****EN IEC 60335-2-75:2023/A2:2023**

Household and similar electrical appliances - Safety - Part 2-75: Particular requirements for commercial dispensing appliances and vending machines  
*[IEC 60335-2-75:2012/A2:2018]*

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**TK 61****EN IEC 60335-2-81:2023**

Household and similar electrical appliances - Safety - Part 2-81: Particular requirements for foot warmers and heating mats  
*[IEC 60335-2-81:2015]*

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**TK 61****EN IEC 60335-2-81:2023/A1:2023**

Household and similar electrical appliances - Safety - Part 2-81: Particular requirements for foot warmers and heating mats  
*[IEC 60335-2-81:2015/A1:2017]*

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**TK 61****EN IEC 60335-2-81:2023/A2:2023**

Household and similar electrical appliances - Safety - Part 2-81: Particular requirements for foot warmers and heating mats  
*[IEC 60335-2-81:2015/A2:2020]*

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**TK 61****EN IEC 60335-2-95:2023**

Household and similar electrical appliances - Safety - Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use  
*[IEC 60335-2-95:2019]*

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**TK 61****EN IEC 60335-2-95:2023/A11:2023**

Household and similar electrical appliances - Safety - Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use

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**TK 61****EN IEC 60335-2-97:2023**

Household and similar electrical appliances - Safety - Part 2-97: Particular requirements for drives for shutters, awnings, blinds and similar equipment  
*[IEC 60335-2-97:2016]*

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**TK 61****EN IEC 60335-2-97:2023/A1:2023**

Household and similar electrical appliances - Safety - Part 2-97: Particular requirements for drives for shutters, awnings, blinds and similar equipment  
*[IEC 60335-2-97:2016/A1:2019]*

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**TK 61****EN IEC 60335-2-97:2023/A11:2023**

Household and similar electrical appliances - Safety - Part 2-97: Particular requirements for drives for shutters, awnings, blinds and similar equipment

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**TK 61****EN 60335-2-99:2003/A11:2023**

Household and similar electrical appliances - Safety - Part 2-99: Particular requirements for commercial electric hoods

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**TK 62****EN IEC 61676:2023**

Medical electrical equipment - Dosimetric instruments used for non-invasive measurement of X-ray tube voltage in diagnostic radiology  
*[IEC 61676:2023]*

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**TK 65****EN IEC 61158-1:2023**

Industrial communication networks - Fieldbus specifications - Part 1: Overview and guidance for the IEC 61158 and IEC 61784 series  
*[IEC 61158-1:2023]*

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**TK 65****EN IEC 61158-2:2023**

Industrial communication networks - Fieldbus specifications - Part 2: Physical layer specification and service definition  
*[IEC 61158-2:2023]*

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**TK 65****EN IEC 61158-3-2:2023**

Industrial communication networks - Fieldbus specifications - Part 3-2: Data-link layer service definition - Type 2 elements  
*[IEC 61158-3-2:2023]*

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**TK 65****EN IEC 61158-3-24:2023**

Industrial communication networks - Fieldbus specifications - Part 3-24: Data-link layer service definition - Type 24 elements  
*[IEC 61158-3-24:2023]*

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**TK 65****EN IEC 61158-3-28:2023**

Industrial communication networks - Fieldbus specifications - Part 3-28: Data-link layer service definition - Type 28 elements  
*[IEC 61158-3-28:2023]*

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**TK 65****EN IEC 61158-3-4:2023**

Industrial communication networks - Fieldbus specifications - Part 3-4: Data-link layer service definition - Type 4 elements  
*[IEC 61158-3-4:2023]*

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**TK 65****EN IEC 61158-4-2:2023**

Industrial communication networks - Fieldbus specifications - Part 4-2: Data-link layer protocol specification - Type 2 elements  
*[IEC 61158-4-2:2023]*

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**TK 65****EN IEC 61158-4-21:2023**

Industrial communication networks - Fieldbus specifications - Part 4-21: Data-link layer protocol specification - Type 21 elements  
*[IEC 61158-4-21:2023]*

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**TK 65****EN IEC 61158-4-24:2023**

Industrial communication networks - Fieldbus specifications - Part 4-24: Data-link layer protocol specification - Type 24 elements  
*[IEC 61158-4-24:2023]*

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**TK 65****EN IEC 61158-4-28:2023**

Industrial communication networks - Fieldbus specifications - Part 4-28: Data-link layer protocol specification - Type 28 elements  
*[IEC 61158-4-28:2023]*

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**TK 65****EN IEC 61158-4-4:2023**

Industrial communication networks - Fieldbus specifications - Part 4-4: Data-link layer protocol specification - Type 4 elements  
*[IEC 61158-4-4:2023]*

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**TK 65****EN IEC 61158-5-10:2023**

Industrial communication networks - Fieldbus specifications - Part 5-10: Application layer service definition - Type 10 elements  
*[IEC 61158-5-10:2023]*

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**TK 65****EN IEC 61158-5-2:2023**

Industrial communication networks - Fieldbus specifications - Part 5-2: Application layer service definition - Type 2 elements  
*[IEC 61158-5-2:2023]*

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**TK 65****EN IEC 61158-5-23:2023**

Industrial communication networks - Fieldbus specifications - Part 5-23: Application layer service definition - Type 23 elements  
*[IEC 61158-5-23:2023]*

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**TK 65****EN IEC 61158-5-24:2023**

Industrial communication networks - Fieldbus specifications - Part 5-24: Application layer service definition - Type 24 elements  
*[IEC 61158-5-24:2023]*

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**TK 65****EN IEC 61158-5-26:2023**

Industrial communication networks - Fieldbus specifications - Part 5-26: Application layer service definition - Type 26 elements  
*[IEC 61158-5-26:2023]*

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**TK 65****EN IEC 61158-5-27:2023**

Industrial communication networks - Fieldbus specifications - Part 5-27: Application layer service definition - Type 27 elements  
*[IEC 61158-5-27:2023]*

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**TK 65****EN IEC 61158-5-28:2023**

Industrial communication networks - Fieldbus specifications - Part 5-28: Application layer service definition - Type 28 elements  
*[IEC 61158-5-28:2023]*

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**TK 65****EN IEC 61158-5-4:2023**

Industrial communication networks - Fieldbus specifications - Part 5-4: Application layer service definition - Type 4 elements  
*[IEC 61158-5-4:2023]*

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**TK 65****EN IEC 61158-6-10:2023**

Industrial communication networks - Fieldbus specifications - Part 6-10: Application layer protocol specification - Type 10 elements  
*[IEC 61158-6-10:2023]*

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**TK 65****EN IEC 61158-6-2:2023**

Industrial communication networks - Fieldbus specifications - Part 6-2: Application layer protocol specification - Type 2 elements  
*[IEC 61158-6-2:2023]*

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**TK 65****EN IEC 61158-6-23:2023**

Industrial communication networks - Fieldbus specifications - Part 6-23: Application layer protocol specification - Type 23 elements  
*[IEC 61158-6-23:2023]*

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**TK 65****EN IEC 61158-6-24:2023**

Industrial communication networks - Fieldbus specifications - Part 6-24: Application layer protocol specification - Type 24 elements  
*[IEC 61158-6-24:2023]*

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**TK 65****EN IEC 61158-6-26:2023**

Industrial communication networks - Fieldbus specifications - Part 6-26: Application layer protocol specification - Type 26 elements  
*[IEC 61158-6-26:2023]*

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**TK 65****EN IEC 61158-6-27:2023**

Industrial communication networks - Fieldbus Specifications Part 6-27: Application layer protocol specification - Type 27 elements  
*[IEC 61158-6-27:2023]*

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**TK 65****EN IEC 61158-6-28:2023**

Industrial communication networks - Fieldbus specifications - Part 6-28: Application layer protocol specification - Type 28 elements  
*[IEC 61158-6-28:2023]*

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**TK 65****EN IEC 61158-6-4:2023**

Industrial communication networks - Fieldbus specifications - Part 6-4: Application layer protocol specification - Type 4 elements  
*[IEC 61158-6-4:2023]*

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**TK 65****EN IEC 61784-1-0:2023**

Industrial networks - Profiles - Part 1-0: Fieldbus profiles - General concepts and terminology  
*[IEC 61784-1-0:2023]*

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**TK 65****EN IEC 61784-1-1:2023**

Industrial networks - Profiles - Part 1-1: Fieldbus profiles - Communication Profile Family 1  
*[IEC 61784-1-1:2023]*

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**TK 65****EN IEC 61784-1-16:2023**

Industrial networks - Profiles - Part 1-16: Fieldbus profiles - Communication Profile Family 16  
*[IEC 61784-1-16:2023]*

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**TK 65****EN IEC 61784-1-19:2023**

Industrial networks - Profiles - Part 1-19: Fieldbus profiles - Communication Profile Family 19  
*[IEC 61784-1-19:2023]*

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**TK 65****EN IEC 61784-1-2:2023**

Industrial networks - Profiles - Part 1-2: Fieldbus profiles - Communication Profile Family 2  
*[IEC 61784-1-2:2023]*

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**TK 65****EN IEC 61784-1-22:2023**

Industrial networks - Profiles - Part 1-22: Fieldbus profiles - Communication Profile Family 22  
*[IEC 61784-1-22:2023]*

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**TK 65****EN IEC 61784-1-3:2023**

Industrial networks - Profiles - Part 1-3: Fieldbus profiles - Communication Profile Family 3  
*[IEC 61784-1-3:2023]*

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**TK 65****EN IEC 61784-1-4:2023**

Industrial networks - Profiles - Part 1-4: Fieldbus profiles - Communication Profile Family 4  
*[IEC 61784-1-4:2023]*

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**TK 65****EN IEC 61784-1-5:2023**

Industrial networks - Profiles - Part 1-5: Fieldbus profiles - Communication Profile Family 5  
*[IEC 61784-1-5:2023]*

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**TK 65****EN IEC 61784-1-6:2023**

Industrial networks - Profiles - Part 1-6: Fieldbus profiles - Communication Profile Family 6  
*[IEC 61784-1-6:2023]*

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**TK 65****EN IEC 61784-1-8:2023**

Industrial networks - Profiles - Part 1-8: Fieldbus profiles - Communication Profile Family 8  
*[IEC 61784-1-8:2023]*

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**TK 65****EN IEC 61784-1-9:2023**

Industrial networks - Profiles - Part 1-9: Fieldbus profiles - Communication Profile Family 9  
*[IEC 61784-1-9:2023]*

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**TK 65****EN IEC 61784-2-0:2023**

Industrial networks - Profiles - Part 2-0: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 - General concepts and terminology  
*[IEC 61784-2-0:2023]*

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**TK 65****EN IEC 61784-2-10:2023**

Industrial networks - Profiles - Part 2-10: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 - CPF 10  
*[IEC 61784-2-10:2023]*

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**TK 65****EN IEC 61784-2-19:2023**

Industrial networks - Profiles - Part 2-19: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 - CPF 19  
*[IEC 61784-2-19:2023]*

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**TK 65****EN IEC 61784-2-2:2023**

Industrial networks - Profiles - Part 2-2: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 - CPF 2  
*[IEC 61784-2-2:2023]*

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**TK 65****EN IEC 61784-2-3:2023**

Industrial networks - Profiles - Part 2-3: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 - CPF 3  
*[IEC 61784-2-3:2023]*

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**TK 65****EN IEC 61784-2-4:2023**

Industrial networks - Profiles - Part 2-4: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 - CPF 4  
*[IEC 61784-2-4:2023]*

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**TK 65****EN IEC 61784-2-6:2023**

Industrial networks - Profiles - Part 2-6: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 - CPF 6  
*[IEC 61784-2-6:2023]*

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**TK 65****EN IEC 61784-2-8:2023**

Industrial networks - Profiles - Part 2-8: Additional real-time fieldbus profiles based on ISO/IEC/IEEE 8802-3 - CPF 8  
*[IEC 61784-2-8:2023]*

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**TK 65****EN IEC 62769-1:2023**

Field Device Integration (FDI®) - Part 1: Overview  
*[IEC 62769-1:2023]*

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**TK 65****EN IEC 62769-100:2023**

Field device integration (FDI®) - Part 100: Profiles - Generic protocols  
*[IEC 62769-100:2023]*

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**TK 65****EN IEC 62769-101-1:2023**

Field device Integration (FDI®) - Part 101-1: Profiles - Foundation Fieldbus H1  
*[IEC 62769-101-1:2023]*

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**TK 65****EN IEC 62769-101-2:2023**

Field Device Integration (FDI®) - Part 101-2: Profiles - Foundation Fieldbus HSE  
*[IEC 62769-101-2:2023]*

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**TK 65****EN IEC 62769-103-1:2023**

Field Device Integration (FDI®) - Part 103-1: Profiles - PROFIBUS  
*[IEC 62769-103-1:2023]*

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**TK 65****EN IEC 62769-103-4:2023**

Field Device Integration (FDI®) - Part 103-4: PROFINET  
*[IEC 62769-103-4:2023]*

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**TK 65****EN IEC 62769-109-1:2023**

Field device integration (FDI®) - Part 109-1: Profiles - HART® and WirelessHART®  
*[IEC 62769-109-1:2023]*

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**TK 65****EN IEC 62769-150-1:2023**

Field device integration (FDI®) - Part 150-1: Profiles - ISA100  
*[IEC 62769-150-1:2023]*

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**TK 65****EN IEC 62769-151-1:2023**

Field device integration (FDI®) - Part 151-1: Profiles - OPC UA  
*[IEC 62769-151-1:2023]*

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**TK 65****EN IEC 62769-2:2023**

Field Device Integration (FDI®) - Part 2: Client  
*[IEC 62769-2:2023]*

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**TK 65****EN IEC 62769-3:2023**

Field Device Integration (FDI®) - Part 3: Server  
*[IEC 62769-3:2023]*

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**TK 65****EN IEC 62769-4:2023**

Field Device Integration (FDI®) - Part 4: FDI Packages  
[IEC 62769-4:2023]

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**TK 65****EN IEC 62769-5:2023**

Field Device Integration (FDI®) - Part 5: FDI Information Model  
[IEC 62769-5:2023]

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**TK 65****EN IEC 62769-6:2023**

Field Device Integration (FDI®) - Part 6: FDI Technology Mappings  
[IEC 62769-6:2023]

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**TK 65****EN IEC 62769-7:2023**

Field Device Integration (FDI®) - Part 7: Communication Devices  
[IEC 62769-7:2023]

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**TK 65****EN IEC 62769-8:2023**

Field device integration (FDI®) - Part 8: EDD to OPC-UA Mapping  
[IEC 62769-8:2023]

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**TK 66****EN IEC 61010-031:2023**

Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 031: Safety requirements for hand-held and hand-manipulated probe assemblies for electrical test and measurement  
[IEC 61010-031:2022]

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**TK 77BC****EN IEC 55016-1-4:2019/A2:2023**

Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-4: Radio disturbance and immunity measuring apparatus - Antennas and test sites for radiated disturbance measurements  
[CISPR 16-1-4:2019/A2:2023]

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**TK 78****EN IEC 62819:2023**

Live working - Eye, face and head protectors against the effects of electric arc - Performance requirements and test methods  
[IEC 62819:2022]

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**TK 79****EN 50518:2019/A1:2023**

Monitoring and Alarm Receiving Centre

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**TK 81****EN IEC 62561-1:2023**

Lightning protection system components (LPSC) - Part 1: Requirements for connection components  
[IEC 62561-1:2023]

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**TK 86****EN IEC 61744:2023**

Calibration of fibre optic chromatic dispersion test sets  
[IEC 61744:2023]

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**TK 86****EN IEC 60794-1-301:2023**

Optical fibre cables - Part 1-301: Generic specification - Basic optical cable test procedures - Cable elements test methods - Bend test, method G1  
[IEC 60794-1-301:2023]

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**TK 86****EN IEC 60794-1-303:2023**

Optical fibre cables - Part 1-303: Generic specification - Basic optical cable test procedures - Ribbon dimensions - Aperture gauge, method G3  
*[IEC 60794-1-303:2023]*

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**TK 86****EN IEC 60794-1-309:2023**

Optical fibre cables - Part 1-309: Generic specification - Basic optical cable test procedures - Cable element test methods - Bleeding and evaporation of filling or flooding compounds, Method G9  
*[IEC 60794-1-309:2023]*

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**TK 86****EN IEC 60794-2-10:2023**

Optical fibre cables - Part 2-10: Indoor optical fibre cables - Family specification for simplex and duplex cables  
*[IEC 60794-2-10:2023]*

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**TK 86****EN IEC 60794-2-22:2023**

Optical fibre cables - Part 2-22: Indoor cables - Detail specification for multi-simplex breakout optical cables for use in terminated breakout cable assemblies  
*[IEC 60794-2-22:2023]*

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**TK 86****EN IEC 60794-2-50:2023**

Optical fibre cables - Part 2-50: Indoor cables - Family specification for simplex and duplex cables for use in terminated cable assemblies  
*[IEC 60794-2-50:2023]*

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**TK 88****EN IEC 61400-21-2:2023**

Wind energy generation systems - Part 21-2: Measurement and assessment of electrical characteristics - Wind power plants  
*[IEC 61400-21-2:2023]*

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**TK 100****EN IEC 60268-23:2023**

Sound system equipment - Part 23: TVs and monitors - Loudspeaker systems  
*[IEC 60268-23:2023]*

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**TK 100****EN IEC 62087-2:2023**

Audio, video, and related equipment - Determination of power consumption - Part 2: Signals and media  
*[IEC 62087-2:2023]*

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**TK 100****EN IEC 62087-3:2023**

Audio, video, and related equipment - Determination of power consumption - Part 3: Television sets  
*[IEC 62087-3:2023]*

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**TK 111****EN IEC 62321-12:2023**

Determination of certain substances in electrotechnical products - Part 12: Simultaneous determination - Polybrominated biphenyls, polybrominated diphenyl ethers and phthalates in polymers by gas chromatography-mass spectrometry  
*[IEC 62321-12:2023]*

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**TK 121A****EN IEC 60947-6-1:2023**

Low-voltage switchgear and controlgear - Part 6-1: Multiple function equipment - Transfer switching equipment  
*[IEC 60947-6-1:2021]*

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**TK 121A****EN IEC 60947-8:2023**

Low-voltage switchgear and controlgear - Part 8: Control units for built-in thermal protection (PTC) for rotating electrical machines  
[IEC 60947-8:2021]

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**Cenelec SR 124****EN IEC 63203-204-1:2023**

Wearable electronic devices and technologies - Part 204-1: Electronic textile - Test method for assessing washing durability of e-textile products  
[IEC 63203-204-1:2023]

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**TK 215****EN 50600-2-4:2023**

Information technology - Data centre facilities and infrastructures - Part 2-4: Telecommunications cabling infrastructure

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**Neue Schweizer Normen (SN)**

Die nachstehend aufgeführten Normen erhalten mit dem aufgeführten Datum ihre Gültigkeit im Schweizerischen Normenwerk.

**Nouvelles normes suisses (SN)**

Les normes ci-dessous obtiennent, avec la date indiquée, leur validité dans le recueil des normes suisses.

**TK 59****Gültig ab/ valable à partir du 2023-05-24****SNEN 50631-1:2023**

Netzwerk- und Stromnetz-Konnektivität von Haushaltsgeräten - Teil 1: Allgemeine Anforderungen, allgemeine Datenmodellierung und neutrale Meldungen  
*Appareils domestiques connectés au réseau et réseau intelligent - Partie 1: Exigences générales, modélisation de données génériques et messages neutres génériques*  
Ersetzt/remplace: **SNEN 50631-1:2017** ab/dès: **07.02.2026**

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**TK 59****Gültig ab/ valable à partir du 2023-05-24****SNEN 50631-2:2023**

Netzwerk- und Stromnetz-Konnektivität von Haushaltsgeräten - Teil 2: Produktspezifische Mappings, Details, Anforderungen und Abweichungen  
*Appareils domestiques connectés au réseau et réseau intelligent - Partie 2: Mappings spécifiques aux produits, détails, exigences et déviations*

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**TK 59****Gültig ab/ valable à partir du 2023-05-24****SNEN 50631-3-1:2023**

Netzwerk- und Stromnetz-Konnektivität von Haushaltsgeräten - Teil 3-1: Mapping auf spezifische Datenmodelle: SPINE und SPINE-IoT  
*Appareils domestiques connectés au réseau et réseau intelligent - Partie 3-1: Mapping avec des modèles de données spécifiques: SPINE et SPINE-IoT*

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**TK 59****Gültig ab/ valable à partir du 2023-05-24****SNEN 50631-4-1:2023**

Netzwerk- und Stromnetz-Konnektivität von Haushaltsgeräten - Teil 4-1: Spezifische Aspekte der Kommunikationsprotokolle: SPINE, SPINE-IoT und SHIP  
*Appareils domestiques connectés au réseau et réseau intelligent - Partie 4-1: Aspects spécifiques des protocoles de communication: SPINE, SPINE-IoT et SHIP*

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**TK 59** **Gültig ab/ valable à partir du 2023-05-24**

**SNEN IEC 60379:2023**

[IEC 60379:2023] Verfahren zur Messung der Gebrauchseigenschaften von elektrischen Warmwasserspeichern für den Hausgebrauch  
*Méthodes de mesure de l'aptitude à la fonction des chauffe-eau électriques à accumulation à usages domestiques*

Ersetzt/remplace: **SNEN 60379:2004** ab/dès: **14.03.2026**

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**TK 59** **Gültig ab/ valable à partir du 2023-05-24**

**SNEN IEC/ASTM 62885-7:2021/A1:2023**

[IEC/ASTM 62885-7:2020/A1:2022] Geräte zur Oberflächenreinigung - Teil 7: Trocken-Reinigungsroboter für den Hausgebrauch und ähnliche Anwendungen - Verfahren zur Messung der Gebrauchseigenschaften

*Appareils de nettoyage des sols - Partie 7: Robots de nettoyage à sec à usage domestique ou analogue - Méthodes de mesure de l'aptitude à la fonction*

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**TK 61** **Gültig ab/ valable à partir du 2023-05-24**

**SNEN IEC 60335-2-9:2023**

[IEC 60335-2-9:2019] Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke - Teil 2-9: Besondere Anforderungen für Grillgeräte, Brotröster und ähnliche ortsveränderliche Kochgeräte

*Appareils électrodomestiques et analogues - Sécurité - Partie 2-9: Exigences particulières pour les grils, les grille-pain et les appareils de cuisson mobiles analogues*

Ersetzt/remplace: **SNEN 60335-2-9:2003 + Amendments** ab/dès: **12.01.2026**

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**TK 61** **Gültig ab/ valable à partir du 2023-05-24**

**SNEN IEC 60335-2-9:2023/A11:2023**

Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke - Teil 2-9: Besondere Anforderungen für Grillgeräte, Brotröster und ähnliche ortsveränderliche Kochgeräte

*Appareils électrodomestiques et analogues - Sécurité - Partie 2-9: Exigences particulières pour les grils, grille-pain et appareils de cuisson mobiles analogues*

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**TK 79** **Gültig ab/ valable à partir du 2023-05-24**

**SNEN 50136-2:2013/A1:2023**

Alarmanlagen - Alarmübertragungsanlagen und -einrichtungen - Teil 2: Anforderungen an Übertragungseinrichtungen (ÜE)

*Systèmes d'alarme - Systèmes et équipements de transmission d'alarme - Partie 2: Exigences pour les transmetteurs des locaux surveillés (SPT)*

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**TK 105** **Gültig ab/ valable à partir du 2023-05-24**

**SNEN IEC 62282-4-102:2023**

[IEC 62282-4-102:2022] Brennstoffzellentechnologien - Teil 4-102: Antriebe mit Brennstoffzellen-Energiesystemen für elektrisch angetriebene Flurförderzeuge - Leistungskennwertepfverfahren

*Technologies des piles à combustible - Partie 4-102: Systèmes à piles à combustible pour chariots de manutention électriques - Méthodes d'essai des performances*

Ersetzt/remplace: **SNEN 62282-4-102:2017** ab/dès: **24.01.2026**

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