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**Koordinacija izolacije - 2. del: Smernice za uporabo (predlagan horizontalni standard)**

Insulation co-ordination - Part 2: Application guidelines (Proposed horizontal standard)

Isolationskoordination – Teil 2: Anwendungsrichtlinie

Coordination de l'isolement - Partie 2: Lignes directrices en matière d'application

**Ta slovenski standard je istoveten z: EN IEC 60071-2:2023**

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**Insulation co-ordination - Part 2: Application guidelines  
(IEC 60071-2:2023)**

Coordination de l'isolement - Partie 2: Lignes directrices en  
matière d'application  
(IEC 60071-2:2023)

Isolationskoordination - Teil 2: Anwendungsrichtlinie  
(IEC 60071-2:2023)

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**EN IEC 60071-2:2023 (E)****European foreword**

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The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2024-03-28 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2026-06-28 document have to be withdrawn

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|                    |                                                   |
|--------------------|---------------------------------------------------|
| IEC 60099-4:2014   | NOTE Approved as EN 60099-4:2014 (not modified)   |
| IEC 60099-5        | NOTE Approved as EN IEC 60099-5                   |
| IEC 60099-8        | NOTE Approved as EN IEC 60099-8                   |
| IEC 60507          | NOTE Approved as EN 60507                         |
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| IEC 62271-100:2008 | NOTE Approved as EN 62271-100:2009 (not modified) |
| IEC 60721-2-3:2013 | NOTE Approved as EN 60721-2-3:2014 (not modified) |

## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cenelec.eu](http://www.cenelec.eu).

| <u>Publication</u> | <u>Year</u> | <u>Title</u>                                                                                                                                            | <u>EN/HD</u>   | <u>Year</u> |
|--------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------|
| IEC 60060-1        | 2010        | High-voltage test techniques - Part 1: General definitions and test requirements                                                                        | EN 60060-1     | 2010        |
| IEC 60071-1        | 2019        | Insulation co-ordination - Part 1: Definitions, principles and rules                                                                                    | EN IEC 60071-1 | 2019        |
| IEC 60505          | 2011        | Evaluation and qualification of electrical insulation systems                                                                                           | EN 60505       | 2011        |
| IEC/TS 60815-1     | 2008        | Selection and dimensioning of high-voltage insulators intended for use in polluted conditions - Part 1: Definitions, information and general principles | -              | -           |
| IEC/TR 60071-4     | 2004        | Insulation co-ordination - Part 4: Computational guide to insulation co-ordination and modelling of electrical networks                                 | -              | -           |





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## CONTENTS

|                                                                                                                       |    |
|-----------------------------------------------------------------------------------------------------------------------|----|
| FOREWORD.....                                                                                                         | 9  |
| 1 Scope.....                                                                                                          | 11 |
| 2 Normative references .....                                                                                          | 11 |
| 3 Terms, definitions, abbreviated terms and symbols.....                                                              | 12 |
| 3.1 Terms and definitions.....                                                                                        | 12 |
| 3.2 Abbreviated terms.....                                                                                            | 12 |
| 3.3 Symbols.....                                                                                                      | 13 |
| 4 Concepts governing the insulation co-ordination .....                                                               | 18 |
| 5 Representative voltage stresses in service .....                                                                    | 19 |
| 5.1 Origin and classification of voltage stresses.....                                                                | 19 |
| 5.2 Characteristics of overvoltage protection devices.....                                                            | 19 |
| 5.2.1 General remarks.....                                                                                            | 19 |
| 5.2.2 Metal-oxide surge arresters without gaps (MOSA) .....                                                           | 20 |
| 5.2.3 Line surge arresters (LSA) for overhead transmission and distribution<br>lines .....                            | 22 |
| 5.3 General approach for the determination of representative voltages and<br>overvoltages .....                       | 22 |
| 5.3.1 Continuous (power-frequency) voltage.....                                                                       | 22 |
| 5.3.2 Temporary overvoltages .....                                                                                    | 22 |
| 5.3.3 Slow-front overvoltages .....                                                                                   | 26 |
| 5.3.4 Fast-front overvoltages .....                                                                                   | 32 |
| 5.3.5 Very-fast-front overvoltages.....                                                                               | 36 |
| 5.4 Determination of representative overvoltages by detailed simulations .....                                        | 37 |
| 5.4.1 General overview.....                                                                                           | 37 |
| 5.4.2 Temporary overvoltages .....                                                                                    | 37 |
| 5.4.3 Slow-front overvoltages .....                                                                                   | 38 |
| 5.4.4 Fast-front overvoltages .....                                                                                   | 39 |
| 5.4.5 Very-fast-front overvoltages.....                                                                               | 43 |
| 6 Co-ordination withstand voltage.....                                                                                | 44 |
| 6.1 Insulation strength characteristics .....                                                                         | 44 |
| 6.1.1 General .....                                                                                                   | 44 |
| 6.1.2 Influence of polarity and overvoltage shapes .....                                                              | 45 |
| 6.1.3 Phase-to-phase and longitudinal insulation.....                                                                 | 46 |
| 6.1.4 Influence of weather conditions on external insulation .....                                                    | 47 |
| 6.1.5 Probability of disruptive discharge of insulation .....                                                         | 47 |
| 6.2 Performance criterion.....                                                                                        | 49 |
| 6.3 Insulation co-ordination procedures .....                                                                         | 49 |
| 6.3.1 General .....                                                                                                   | 49 |
| 6.3.2 Insulation co-ordination procedures for continuous (power-frequency)<br>voltage and temporary overvoltage ..... | 50 |
| 6.3.3 Insulation co-ordination procedures for slow-front overvoltages .....                                           | 51 |
| 6.3.4 Insulation co-ordination procedures for fast-front overvoltages .....                                           | 55 |
| 6.3.5 Insulation co-ordination procedures for very-fast-front overvoltages .....                                      | 56 |
| 7 Required withstand voltage.....                                                                                     | 56 |
| 7.1 General remarks .....                                                                                             | 56 |
| 7.2 Atmospheric correction .....                                                                                      | 56 |
| 7.2.1 General remarks.....                                                                                            | 56 |



|                       |                                                                                  |    |
|-----------------------|----------------------------------------------------------------------------------|----|
| 7.2.2                 | Altitude correction.....                                                         | 57 |
| 7.3                   | Safety factors.....                                                              | 58 |
| 7.3.1                 | General .....                                                                    | 58 |
| 7.3.2                 | Ageing .....                                                                     | 59 |
| 7.3.3                 | Production and assembly dispersion .....                                         | 59 |
| 7.3.4                 | Inaccuracy of the withstand voltage .....                                        | 59 |
| 7.3.5                 | Recommended safety factors ( $K_S$ ).....                                        | 59 |
| 8                     | Standard withstand voltage and testing procedures .....                          | 60 |
| 8.1                   | General remarks .....                                                            | 60 |
| 8.1.1                 | Overview .....                                                                   | 60 |
| 8.1.2                 | Standard switching impulse withstand voltage .....                               | 60 |
| 8.1.3                 | Standard lightning impulse withstand voltage.....                                | 60 |
| 8.2                   | Test conversion factors .....                                                    | 61 |
| 8.2.1                 | Range I.....                                                                     | 61 |
| 8.2.2                 | Range II .....                                                                   | 61 |
| 8.3                   | Determination of insulation withstand by type tests .....                        | 62 |
| 8.3.1                 | Test procedure dependency upon insulation type .....                             | 62 |
| 8.3.2                 | Non-self-restoring insulation .....                                              | 62 |
| 8.3.3                 | Self-restoring insulation .....                                                  | 62 |
| 8.3.4                 | Mixed insulation.....                                                            | 63 |
| 8.3.5                 | Limitations of the test procedures .....                                         | 64 |
| 8.3.6                 | Selection of the type test procedures.....                                       | 64 |
| 8.3.7                 | Selection of the type test voltages .....                                        | 64 |
| 9                     | Special considerations for apparatus and transmission line .....                 | 65 |
| 9.1                   | Overhead line .....                                                              | 65 |
| 9.1.1                 | General .....                                                                    | 65 |
| 9.1.2                 | Insulation co-ordination for operating voltages and temporary overvoltages.....  | 66 |
| 9.1.3                 | Insulation co-ordination for slow-front overvoltages .....                       | 66 |
| 9.1.4                 | Insulation co-ordination for fast-front overvoltages.....                        | 67 |
| 9.2                   | Cable line .....                                                                 | 68 |
| 9.2.1                 | General .....                                                                    | 68 |
| 9.2.2                 | Insulation co-ordination for operating voltages and temporary overvoltages.....  | 68 |
| 9.2.3                 | Insulation co-ordination for slow-front overvoltages .....                       | 68 |
| 9.2.4                 | Insulation co-ordination for fast-front overvoltages.....                        | 69 |
| 9.2.5                 | Overvoltage protection of cable lines .....                                      | 69 |
| 9.3                   | GIL (gas insulated transmission line) / GIB (Gas-insulated busduct) .....        | 70 |
| 9.3.1                 | General .....                                                                    | 70 |
| 9.3.2                 | Insulation co-ordination for operating voltages and temporary overvoltages ..... | 70 |
| 9.3.3                 | Insulation co-ordination for slow-front overvoltages .....                       | 70 |
| 9.3.4                 | Insulation co-ordination for fast-front overvoltages.....                        | 71 |
| 9.3.5                 | Overvoltage protection of GIL/GIB lines .....                                    | 71 |
| 9.4                   | Substation .....                                                                 | 71 |
| 9.4.1                 | General .....                                                                    | 71 |
| 9.4.2                 | Insulation co-ordination for overvoltages.....                                   | 72 |
| Annex A (informative) | Determination of temporary overvoltages due to earth faults .....                | 75 |
| Annex B (informative) | Weibull probability distributions .....                                          | 79 |

|                                                                                                                                     |                                                                                                              |     |
|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----|
| B.1                                                                                                                                 | General remarks .....                                                                                        | 79  |
| B.2                                                                                                                                 | Disruptive discharge probability of external insulation .....                                                | 80  |
| B.3                                                                                                                                 | Cumulative frequency distribution of overvoltages .....                                                      | 83  |
| Annex C (informative) Determination of the representative slow-front overvoltage due to line energization and re-energization ..... |                                                                                                              | 86  |
| C.1                                                                                                                                 | General remarks .....                                                                                        | 86  |
| C.2                                                                                                                                 | Probability distribution of the representative amplitude of the prospective overvoltage phase-to-earth ..... | 86  |
| C.3                                                                                                                                 | Probability distribution of the representative amplitude of the prospective overvoltage phase-to-phase ..... | 89  |
| C.4                                                                                                                                 | Insulation characteristic .....                                                                              | 90  |
| C.5                                                                                                                                 | Numerical example .....                                                                                      | 93  |
| Annex D (informative) Transferred overvoltages in transformers .....                                                                |                                                                                                              | 98  |
| D.1                                                                                                                                 | General remarks .....                                                                                        | 98  |
| D.2                                                                                                                                 | Transferred temporary overvoltages .....                                                                     | 99  |
| D.3                                                                                                                                 | Capacitively transferred surges .....                                                                        | 99  |
| D.4                                                                                                                                 | Inductively transferred surges .....                                                                         | 101 |
| Annex E (informative) Determination of lightning overvoltages by simplified method .....                                            |                                                                                                              | 105 |
| E.1                                                                                                                                 | General remarks .....                                                                                        | 105 |
| E.2                                                                                                                                 | Determination of the limit distance ( $X_p$ ) .....                                                          | 105 |
| E.2.1                                                                                                                               | Protection with arresters in the substation .....                                                            | 105 |
| E.2.2                                                                                                                               | Self-protection of substation .....                                                                          | 106 |
| E.3                                                                                                                                 | Estimation of the representative lightning overvoltage amplitude .....                                       | 107 |
| E.3.1                                                                                                                               | General .....                                                                                                | 107 |
| E.3.2                                                                                                                               | Shielding penetration .....                                                                                  | 107 |
| E.3.3                                                                                                                               | Back flashovers .....                                                                                        | 108 |
| E.4                                                                                                                                 | Simplified approach .....                                                                                    | 110 |
| E.5                                                                                                                                 | Assumed maximum value of the representative lightning overvoltage .....                                      | 112 |
| Annex F (informative) Calculation of air gap breakdown strength from experimental data .....                                        |                                                                                                              | 114 |
| F.1                                                                                                                                 | General .....                                                                                                | 114 |
| F.2                                                                                                                                 | Insulation response to power-frequency voltages .....                                                        | 114 |
| F.3                                                                                                                                 | Insulation response to slow-front overvoltages .....                                                         | 115 |
| F.4                                                                                                                                 | Insulation response to fast-front overvoltages .....                                                         | 116 |
| Annex G (informative) Examples of insulation co-ordination procedure .....                                                          |                                                                                                              | 120 |
| G.1                                                                                                                                 | Overview .....                                                                                               | 120 |
| G.2                                                                                                                                 | Numerical example for a system in range I (with nominal voltage of 230 kV) .....                             | 120 |
| G.2.1                                                                                                                               | General .....                                                                                                | 120 |
| G.2.2                                                                                                                               | Part 1: no special operating conditions .....                                                                | 121 |
| G.2.3                                                                                                                               | Part 2: influence of capacitor switching at station 2 .....                                                  | 128 |
| G.2.4                                                                                                                               | Part 3: flow charts related to the example of Clause G.2 .....                                               | 130 |
| G.3                                                                                                                                 | Numerical example for a system in range II (with nominal voltage of 735 kV) .....                            | 135 |
| G.3.1                                                                                                                               | General .....                                                                                                | 135 |
| G.3.2                                                                                                                               | Step 1: determination of the representative overvoltages – values of $U_{rp}$ .....                          | 135 |
| G.3.3                                                                                                                               | Step 2: determination of the co-ordination withstand voltages – values of $U_{cw}$ .....                     | 136 |
| G.3.4                                                                                                                               | Step 3: determination of the required withstand voltages – values of $U_{rw}$ .....                          | 137 |

|                       |                                                                                                                     |     |
|-----------------------|---------------------------------------------------------------------------------------------------------------------|-----|
| G.3.5                 | Step 4: conversion to switching impulse withstand voltages (SIWV).....                                              | 138 |
| G.3.6                 | Step 5: selection of standard insulation levels .....                                                               | 139 |
| G.3.7                 | Considerations relative to phase-to-phase insulation co-ordination .....                                            | 139 |
| G.3.8                 | Phase-to-earth clearances.....                                                                                      | 140 |
| G.3.9                 | Phase-to-phase clearances .....                                                                                     | 141 |
| G.4                   | Numerical example for substations in distribution systems with $U_m$ up to<br>36 kV in range I .....                | 141 |
| G.4.1                 | General .....                                                                                                       | 141 |
| G.4.2                 | Step 1: determination of the representative overvoltages –<br>values of $U_{rp}$ .....                              | 142 |
| G.4.3                 | Step 2: determination of the co-ordination withstand voltages –<br>values of $U_{cw}$ .....                         | 142 |
| G.4.4                 | Step 3: determination of required withstand voltages – values of $U_{rw}$ .....                                     | 143 |
| G.4.5                 | Step 4: conversion to standard short-duration power-frequency and<br>lightning impulse withstand voltages .....     | 144 |
| G.4.6                 | Step 5: selection of standard withstand voltages.....                                                               | 145 |
| G.4.7                 | Summary of insulation co-ordination procedure for the example of<br>Clause G.4 .....                                | 145 |
| Annex H (informative) | Atmospheric correction – Altitude correction application<br>example .....                                           | 147 |
| H.1                   | General principles.....                                                                                             | 147 |
| H.1.1                 | Atmospheric correction in standard tests .....                                                                      | 147 |
| H.1.2                 | Task of atmospheric correction in insulation co-ordination .....                                                    | 148 |
| H.2                   | Atmospheric correction in insulation co-ordination .....                                                            | 150 |
| H.2.1                 | Factors for atmospheric correction.....                                                                             | 150 |
| H.2.2                 | General characteristics for moderate climates .....                                                                 | 150 |
| H.2.3                 | Special atmospheric conditions.....                                                                                 | 151 |
| H.2.4                 | Altitude dependency of air pressure .....                                                                           | 152 |
| H.3                   | Altitude correction.....                                                                                            | 153 |
| H.3.1                 | Definition of the altitude correction factor.....                                                                   | 153 |
| H.3.2                 | Principle of altitude correction .....                                                                              | 154 |
| H.3.3                 | Altitude correction for standard equipment operating at altitudes up to<br>1 000 m .....                            | 155 |
| H.3.4                 | Altitude correction for standard equipment operating at altitudes above<br>1 000 m .....                            | 156 |
| H.4                   | Selection of the exponent $m$ .....                                                                                 | 156 |
| H.4.1                 | General .....                                                                                                       | 156 |
| H.4.2                 | Derivation of exponent $m$ for switching impulse voltage .....                                                      | 157 |
| H.4.3                 | Derivation of exponent $m$ for critical switching impulse voltage .....                                             | 159 |
| Annex I (informative) | Evaluation method of non-standard lightning overvoltage shape<br>for representative voltages and overvoltages ..... | 162 |
| I.1                   | General remarks .....                                                                                               | 162 |
| I.2                   | Lightning overvoltage shape .....                                                                                   | 162 |
| I.3                   | Evaluation method for GIS .....                                                                                     | 162 |
| I.3.1                 | Experiments .....                                                                                                   | 162 |
| I.3.2                 | Evaluation of overvoltage shape .....                                                                               | 163 |
| I.4                   | Evaluation method for transformer .....                                                                             | 163 |
| I.4.1                 | Experiments .....                                                                                                   | 163 |
| I.4.2                 | Evaluation of overvoltage shape .....                                                                               | 164 |

|                                                                                                                                                               |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Annex J (informative) Insulation co-ordination for very-fast-front overvoltages in UHV substations .....                                                      | 169 |
| J.1 General.....                                                                                                                                              | 169 |
| J.2 Influence of disconnector design.....                                                                                                                     | 169 |
| J.3 Insulation co-ordination for VFFO .....                                                                                                                   | 170 |
| Annex K (informative) Application of shunt reactors to limit TOV and SFO of high voltage overhead transmission line .....                                     | 172 |
| K.1 General remarks .....                                                                                                                                     | 172 |
| K.2 Limitation of TOV and SFO .....                                                                                                                           | 172 |
| K.3 Application of the neutral grounding reactor to limit resonance overvoltage and secondary arc current .....                                               | 172 |
| K.4 SFO and Beat frequency overvoltage limited by neutral arrester .....                                                                                      | 173 |
| K.5 SFO and FFO due to SR de-energization .....                                                                                                               | 174 |
| K.6 Limitation of TOV by Controllable SR .....                                                                                                                | 174 |
| K.7 Insulation coordination of the SR and neutral grounding reactor.....                                                                                      | 174 |
| K.8 Self-excitation TOV of synchronous generator .....                                                                                                        | 174 |
| Annex L (informative) Calculation of lightning stroke rate and lightning outage rate .....                                                                    | 175 |
| L.1 General.....                                                                                                                                              | 175 |
| L.2 Description in CIGRE [37] .....                                                                                                                           | 175 |
| L.3 Flash program in IEEE [49] .....                                                                                                                          | 176 |
| L.4 [Case Study] Calculation of Lightning Stroke Rate and Lightning Outage Rate (Appendix D in CIGRE TB 839 [37]).....                                        | 176 |
| L.4.1 Basic flow of calculation method .....                                                                                                                  | 176 |
| L.4.2 Comparison of Calculation Results with Observations.....                                                                                                | 179 |
| Bibliography.....                                                                                                                                             | 181 |
| Figure 1 – Range of 2 % slow-front overvoltages at the receiving end due to line energization and re-energization [27].....                                   | 28  |
| Figure 2 – Ratio between the 2 % values of slow-front overvoltages phase-to-phase and phase-to-earth [28], [29].....                                          | 29  |
| Figure 3 – Diagram for surge arrester connection to the protected object.....                                                                                 | 36  |
| Figure 4 – Modelling of transmission lines and substations/power stations.....                                                                                | 42  |
| Figure 5 – Distributive discharge probability of self-restoring insulation described on a linear scale .....                                                  | 51  |
| Figure 6 – Disruptive discharge probability of self-restoring insulation described on a Gaussian scale .....                                                  | 52  |
| Figure 7 – Evaluation of deterministic co-ordination factor $K_{cd}$ .....                                                                                    | 52  |
| Figure 8 – Evaluation of the risk of failure .....                                                                                                            | 53  |
| Figure 9 – Risk of failure of external insulation for slow-front overvoltages as a function of the statistical co-ordination factor $K_{cs}$ .....            | 55  |
| Figure 10 – Dependence of exponent $m$ on the co-ordination switching impulse withstand voltage .....                                                         | 58  |
| Figure 11 – Probability $P$ of an equipment to pass the test dependent on the difference $K$ between the actual and the rated impulse withstand voltage ..... | 64  |
| Figure 12 – Example of a schematic substation layout used for the overvoltage stress location.....                                                            | 71  |
| Figure A.1 – Earth fault factor $k$ on a base of $X_0/X_1$ for $R_1/X_1 = R_f = 0$ .....                                                                      | 76  |

|                                                                                                                                                                                           |     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Figure A.2 – Relationship between $R_0/X_1$ and $X_0/X_1$ for constant values of earth fault factor $k$ where $R_1 = 0$ .....                                                             | 76  |
| Figure A.3 – Relationship between $R_0/X_1$ and $X_0/X_1$ for constant values of earth fault factor $k$ where $R_1 = 0,5 X_1$ .....                                                       | 77  |
| Figure A.4 – Relationship between $R_0/X_1$ and $X_0/X_1$ for constant values of earth fault factor $k$ where $R_1 = X_1$ .....                                                           | 77  |
| Figure A.5 – Relationship between $R_0/X_1$ and $X_0/X_1$ for constant values of earth fault factor $k$ where $R_1 = 2X_1$ .....                                                          | 78  |
| Figure B.1 – Conversion chart for the reduction of the withstand voltage due to placing insulation configurations in parallel .....                                                       | 85  |
| Figure C.1 – Probability density and cumulative distribution for derivation of the representative overvoltage phase-to-earth .....                                                        | 86  |
| Figure C.2 – Example for bivariate phase-to-phase overvoltage curves with constant probability density and tangents giving the relevant 2 % values .....                                  | 94  |
| Figure C.3 – Principle of the determination of the representative phase-to-phase overvoltage $U_{pre}$ .....                                                                              | 95  |
| Figure C.4 – Schematic phase-phase-earth insulation configuration.....                                                                                                                    | 96  |
| Figure C.5 – Description of the 50 % switching impulse flashover voltage of a phase-phase-earth insulation .....                                                                          | 96  |
| Figure C.6 – Inclination angle of the phase-to-phase insulation characteristic in range "b" dependent on the ratio of the phase-phase clearance $D$ to the height $H_t$ above earth ..... | 97  |
| Figure D.1 – Distributed capacitances of the windings of a transformer and the equivalent circuit describing the windings .....                                                           | 103 |
| Figure D.2 – Values of factor $J$ describing the effect of the winding connections on the inductive surge transference .....                                                              | 104 |
| Figure H.1 – Principle of the atmospheric correction during test of a specified insulation level according to the procedure of IEC 60060-1 .....                                          | 148 |
| Figure H.2 – Principal task of the atmospheric correction in insulation co-ordination according to IEC 60071-1 .....                                                                      | 149 |
| Figure H.3 – Comparison of atmospheric correction $\delta \times k_h$ with relative air pressure $p/p_0$ for various weather stations around the world.....                               | 152 |
| Figure H.4 – Deviation of simplified pressure calculation by exponential function in this document from the temperature dependent pressure calculation of ISO 2533 .....                  | 153 |
| Figure H.5 – Principle of altitude correction: decreasing withstand voltage $U_{10}$ of equipment with increasing altitude .....                                                          | 155 |
| Figure H.6 – Sets of $m$ -curves for standard switching impulse voltage including the variations in altitude for each gap factor .....                                                    | 159 |
| Figure H.7 – Exponent $m$ for standard switching impulse voltage for selected gap factors covering altitudes up to 4 000 m .....                                                          | 159 |
| Figure H.8 – Sets of $m$ -curves for critical switching impulse voltage including the variations in altitude for each gap factor .....                                                    | 160 |
| Figure H.9 – Exponent $m$ for critical switching impulse voltage for selected gap factors covering altitudes up to 4 000 m .....                                                          | 160 |
| Figure H.10 – Accordance of $m$ -curves from Figure 10 with determination of exponent $m$ by means of critical switching impulse voltage for selected gap factors and altitudes.....      | 161 |
| Figure I.1 – Examples of lightning overvoltage shapes.....                                                                                                                                | 164 |

|                                                                                                                                                                     |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Figure I.2 – Example of insulation characteristics with respect to lightning overvoltages of the SF <sub>6</sub> gas gap (Shape E) .....                            | 165 |
| Figure I.3 – Calculation of duration time $T_d$ .....                                                                                                               | 165 |
| Figure I.4 – Shape evaluation flow for GIS and transformer .....                                                                                                    | 166 |
| Figure I.5 – Application to GIS lightning overvoltage .....                                                                                                         | 167 |
| Figure I.6 – Example of insulation characteristics with respect to lightning overvoltage of the turn-to-turn insulation (Shape C) .....                             | 167 |
| Figure I.7 – Application to transformer lightning overvoltage .....                                                                                                 | 168 |
| Figure J.1 – Insulation co-ordination for very-fast-front overvoltages .....                                                                                        | 171 |
| Figure L.1 – Outline of the CIGRE method for lightning performance of an overhead line .....                                                                        | 176 |
| Figure L.2 – Flowchart to calculate lightning outage rate of transmission lines .....                                                                               | 178 |
| Figure L.3 – Typical conductor arrangements of large-scale transmission lines .....                                                                                 | 179 |
| Figure L.4 – Lightning stroke rate to power lines -calculations and observations- .....                                                                             | 179 |
| Figure L.5 – Lightning outage rate -calculations and observations- .....                                                                                            | 180 |
| Table 1 – Test conversion factors for range I, to convert required SIWV to SDWV and LIWV .....                                                                      | 61  |
| Table 2 – Test conversion factors for range II to convert required SDWV to SIWV .....                                                                               | 62  |
| Table 3 – Selectivity of test procedures B and C of IEC 60060-1 .....                                                                                               | 63  |
| Table B.1 – Breakdown voltage versus cumulative flashover probability – Single insulation and 100 parallel insulations .....                                        | 82  |
| Table E.1 – Corona damping constant $K_{co}$ .....                                                                                                                  | 106 |
| Table E.2 – Factor $A$ for various overhead lines .....                                                                                                             | 112 |
| Table F.1 – Typical gap factors $K$ for switching impulse breakdown phase-to-earth (according to [1] and [4]) .....                                                 | 118 |
| Table F.2 – Gap factors for typical phase-to-phase geometries .....                                                                                                 | 119 |
| Table G.1 – Summary of minimum required withstand voltages obtained for the example shown in G.2.2 .....                                                            | 127 |
| Table G.2 – Summary of required withstand voltages obtained for the example shown in G.2.3 .....                                                                    | 129 |
| Table G.3 – Values related to the insulation co-ordination procedure for the example in G.4 .....                                                                   | 146 |
| Table H.1 – Comparison of functional expressions of Figure 10 with the selected parameters from the derivation of $m$ -curves with critical switching impulse ..... | 161 |
| Table I.1 – Evaluation of the lightning overvoltage in the GIS of UHV system .....                                                                                  | 165 |
| Table I.2 – Evaluation of lightning overvoltage in the transformer of 500 kV system .....                                                                           | 168 |

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This fifth edition cancels and replaces the fourth edition published in 2018. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) Clause 4 Concepts governing the insulation co-ordination has been added.
- b) Subclause 5.3 has been revised, and Subclause 5.4 Detailed simulation has been added because it is widely applied in the recent practices of insulation coordination.
- c) Special considerations for cable line and GIL/GIB have been added in Clause 9.
- d) Annex K (informative) Application of line shunt reactor to limitation of TOV and SFO in high voltage overhead transmission lines has been added.