Short-circuit currents in three-phase a.c. systems –

Part 1: Factors for the calculation of short-circuit currents according to IEC 60909-0

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International Electrotechnical Commission, 3, rue de Varembé, PO Box 131, CH-1211 Geneva 20, Switzerland
Telephone: +41 22 919 02 11  Telefax: +41 22 919 03 00  E-mail: inmail@iec.ch  Web: www.iec.ch
CONTENTS

FOREWORD ....................................................................................................................... 11

1 General ....................................................................................................................... 15
  1.1 Scope and object..................................................................................................... 15
  1.2 Reference documents .......................................................................................... 15
  1.3 Application of the factors ..................................................................................... 15
    1.3.1 Factor $c$ ........................................................................................................ 15
    1.3.2 Factors $K_G$ and $K_S$ or $K_{SO}$ .................................................................. 15
    1.3.3 Factors $K_{G,S}$, $K_{T,S}$ or $K_{G,SO}$, $K_{T,SO}$ .................................................... 15
    1.3.4 Factor $K_T$ ..................................................................................................... 15
    1.3.5 Factor $\kappa$ .................................................................................................... 17
    1.3.6 Factors $\mu$, $\lambda$ and $q$ ............................................................................. 17
    1.3.7 Factors $m$ and $n$ .......................................................................................... 17
    1.3.8 Contribution of asynchronous motors to the initial symmetrical short-circuit current ............................................................................................... 17
  1.4 Symbols, subscripts and superscripts .................................................................... 17
    1.4.1 Symbols ....................................................................................................... 17
    1.4.2 Subscripts .................................................................................................... 19
    1.4.3 Superscripts ................................................................................................. 19

2 Factors used in IEC 60909-0 ..................................................................................... 19
  2.1 Voltage factor $c$ for the equivalent voltage source at the short-circuit location .... 19
    2.1.1 General ........................................................................................................ 19
    2.1.2 Calculation methods ..................................................................................... 21
    2.1.3 Equivalent voltage source at the short-circuit location and voltage factor $c$ ......................................................................................................... 21
    2.1.4 A simple model illustrating the meaning of the voltage factor $c$ ..................... 23
  2.2 Impedance-correction factors when calculating the short-circuit impedances of generators, unit transformers and power-station units .............................................. 31
    2.2.1 General ........................................................................................................ 31
    2.2.2 Correction factor $K_G$ .................................................................................... 33
    2.2.3 Correction factors for power station units with on-load tap changer .............. 37
    2.2.4 Correction factors for power station units without on-load tap-changer ........... 59
    2.2.5 Influence of the impedance correction factor for power-station units when calculating short-circuit currents in meshed networks and maximum short-circuit currents at worst-case load flow ........................................ 67
  2.3 Impedance correction factor $K_T$ when calculating the short-circuit impedances of network transformers ................................................................. 73
    2.3.1 General ........................................................................................................ 73
    2.3.2 Example for a network transformer $S_{T} = 300$ MVA .................................. 75
    2.3.3 Statistical examination of 150 network transformers ....................................... 83
    2.3.4 Impedance correction factors for network transformers in meshed networks ........ 85
2.4 Factor $\kappa$ for the calculation of the peak short-circuit current ...........................................................89
  2.4.1 General..................................................................................................................................................89
  2.4.2 Factor $\kappa$ in series R-L-circuits ...........................................................................................................89
  2.4.3 Factor $\kappa$ of parallel R-L-Z branches ..............................................................................................95
  2.4.4 Calculation of the peak short-circuit current $i_p$ in meshed networks ..............................................101
  2.4.5 Example for the calculation of $\kappa$ and $i_p$ in meshed networks .........................................................105

2.5 Factor $\mu$ for the calculation of the symmetrical short-circuit breaking current ................................107
  2.5.1 General..................................................................................................................................................107
  2.5.2 Basic concept........................................................................................................................................109
  2.5.3 Calculation of the symmetrical short-circuit breaking current $I_{sh}$ with the factor $\mu$ ..................113

2.6 Factor $\lambda$ ($\lambda_{max}$, $\lambda_{min}$) for the calculation of the steady-state short-circuit current ..........119
  2.6.1 General..................................................................................................................................................119
  2.6.2 Influence of iron saturation ..................................................................................................................121

2.7 Factor $\gamma$ for the calculation of the short-circuit breaking current of asynchronous motors ..........127
  2.7.1 General..................................................................................................................................................127
  2.7.2 Derivation of factor $\gamma$ ...................................................................................................................129
  2.7.3 Short-circuit breaking currents in the case of unbalanced short circuits .........................................135

2.8 Factors $m$ and $n$ for the calculation of the Joule integral or the thermal equivalent short-circuit current ...........................................................................................................137
  2.8.1 General..................................................................................................................................................137
  2.8.2 Time-dependent three-phase short-circuit current ..............................................................................139
  2.8.3 Factor $m$ ...........................................................................................................................................139
  2.8.4 Factor $n$ ...........................................................................................................................................141
  2.8.5 Factor $n$ in IEC 60909-0, figure 22 ....................................................................................................143

2.9 Statement of the contribution of asynchronous motors or groups of asynchronous motors (equivalent motors) to the initial symmetrical short-circuit current ...........................................................................147
  2.9.1 General..................................................................................................................................................147
  2.9.2 Short circuit at the terminals of asynchronous motors ......................................................................147
  2.9.3 Partial short-circuit currents of asynchronous motors fed through transformers ..............................149
  2.9.4 Sum of partial short-circuit currents of several groups of asynchronous motors fed through several transformers .....................................................................................................................153

Bibliography ......................................................................................................................................................159
Figure 9 – Power station unit with on-load tap changer and auxiliary transformer $F_1$, $F_2$, $F_3$: short-circuit locations ($I_{kmf1}^r = I_{kmf2}^r$)………………………………………………………………………………………………………………………………………………….49

Figure 10 – Cumulative frequency $H$ of the deviations $\Delta_{G(S)}$ according to equation (39) for partial short-circuit currents of generators in 47 power station units with on-load tap changer [23]. Short circuit location $F_1$ in figure 9……………………………………………………………………………………………………………………………………………………………………….53

Figure 11 – Cumulative frequency $H$ of the deviations $\Delta_{T(S)}$ according to equation (42) for the partial short-circuit currents of unit transformers in 47 power station units with on-load tap-changer [23]. Short-circuit location $F_1$ in figure 9……………………………………………………………………………………………………………………………………………………………………….55

Figure 12 – Cumulative frequency $H$ of the deviations $\Delta_{T(S)}$ according to equation (42), see figure 11, for the calculation of $I_{kt(S)}^r$ if only overexcited operation is anticipated [23] …57

Figure 13 – Cumulative frequency $H$ of the deviations $\Delta_{F1(S)}$ according to equation (46) for the partial short-circuit current $I_{F1}^r$ (figure 9) in the case of over- or under-excited operation before the short circuit……………………………………………………………………………………………………………………………………………………………………………………….59

Figure 14 – Cumulative frequency $H$ of the deviations calculated with equation (50) [22] and [23]…………………………………………………………………………………………………………………………………………………………………………………………………………….61

Figure 15 – Cumulative frequency $H$ of the deviations calculated with equation (39) for 27 generators of power station units without on-load tap changer……………………………………………………………………………………………………………………………………………………………………………………………………….63

Figure 16 – Cumulative frequency $H$ of the deviations calculated with equation (42) for 27 unit transformers of power station units without on-load tap changer……………………………………………………………………………………………………………………………………………………………………………………………………….65

Figure 17 – Cumulative frequency $H$ of the deviations calculated with equation (46) for the partial short-circuit current $I_{F2}^r$ (figure 9) of power station units without on-load tap changer…………………………………………………………………………………………………………………………………………………………………………………………………………….67

Figure 18 – Cumulative frequency $H$ of the deviations $\Delta$ [13]……………………………………………………………………………………………………………………………………………………………………………………………………………71

Figure 19 – Calculation of $I_{kt(S)}^r = I^b + I_{ktU}^b$ with the superposition method [19] and [25] …75

Figure 20 – Short-circuit currents $I_{kt(S)}^r$ depending on $t$, $U^b$ and $S_{kQ}$ for the network transformer $S_{kt} = 300$ MVA (data see text)…………………………………………………………………………………………………………………………………………………………………………………………………………………………77

Figure 21 – Deviations $\Delta_{NT}$ calculated with equation (64) for the transformer $S_{kt} = 300$ MVA………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………81

Figure 22 – Cumulative frequency $H$ of the deviations $\Delta_{NT}$ calculated with equation (64) 1: $\kappa_T = 1,0$; 2: $\kappa_T$ according to equation (63) with $I^b_I / I_{ktT} = 1$………………………………………………………………………………………………………………………………………………………………………………………………………………85

Figure 23 – Calculation of the factor $\kappa$ in the case of a single-fed three-phase short circuit (series R-L-circuit)………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………91

Figure 24 – Factor $\kappa$ and $t_p (f = 50$ Hz) as a function of $R/L$ or $X/L$ ………………………………………95

Figure 25 – Equivalent circuit diagram for the calculation of $\kappa$ in case of two parallel branches (positive-sequence system)………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………97

Figure 26 – Factor $\kappa$ for the calculation of $i_p = \kappa \sqrt{2} I^r_k$ for the case of two parallel branches as shown in figure 25, with $Z_I = Z_{II}, 0,005 \leq R/I X_I \leq 1,0$ and 0,005 $\leq R_{II}/X_{II} \leq 10,0$……..99

Figure 27 – Deviations $\Delta_{kA}, \Delta (1,15 \times \kappa_{lb})$ and $\Delta \kappa_X$ from the exact value $\kappa$ with 0,005 $\leq Z_I / Z_{II} \leq 1,0$ for the configuration of figure 25……………………………………………………………………………………………………………………………………………………………………………………………………………101

Figure 28 – Example for the calculation of $\kappa$ and $i_p$ with the methods a), b) and c) (IEC 60909-0, 4.3.1.2)………………………………………………………………………………………………………………………………………………………………………………………………………………………………………105

Figure 29 – Network configuration (single fed short circuit) and relevant data to demonstrate the decay of the symmetrical a.c. component of a near-to-generator short circuit………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………111
Figure 30 – Decay of the symmetrical short-circuit current (factor $\mu$) based on test measurements and calculations [5] ................................................................. 117

Figure 31 – Characteristic saturation curve method to find the Potier reactance $X_p$ in accordance with [4] ......................................................................................................... 123

Figure 32 – Equivalent circuit with the source voltage $E_0(I_f)$ and the Potier reactance $X_p$ ....... 123

Figure 33 – Factor $q$ from measured and calculated values of $I_{bM} = \mu q I_{bM}^\prime$, equation (91), at different values $t_{min}$ in comparison to $q = q_{IEC}$ (IEC 60909-0, figure 17) ......................... 129

Figure 34 – Time functions $\mu$, $q$, $\mu q$ and $e^{-t/T_{AC}}$ for the calculation of the symmetrical short-circuit breaking current $I_bM = \mu q I_bM^\prime$ in the case of a short circuit at the terminals of an asynchronous motor ................................................................................................... 131

Figure 35 – Effective time constants $T_{AC}$ for the determination of the symmetrical short-circuit breaking current $I_bM$ and in comparison $T_{\mu q} = -t_{min}/\ln(\mu q)_{IEC}$ ................................... 135

Figure 36 – Time function $I_{bM}/I_{bM}^\prime$ in the case of a balanced short circuit ($I_{b3M}/I_{b3M}^\prime$) and a line-to-line short circuit ($I_{b2M}/I_{b2M}^\prime$) at the terminals of an asynchronous motor ....... 137

Figure 37 – Contribution of one asynchronous motor or a group of asynchronous motors to the initial symmetrical short-circuit current $I_k^{\prime} = I_k^{\prime k} + I_k^{\prime kM}$ ................................................................. 147

Figure 38 – Example for the estimation of the partial short-circuit current $I_k^{\prime kM}$ supplied by a single asynchronous motor or an equivalent motor ................................................................. 149

Figure 39 – Partial short-circuit currents from several groups of asynchronous motors fed through several transformers (see text for restrictive conditions) ........................................... 153

Figure 40 – Investigation of the left and right side of equation (118) to determine the deviation $\Delta$ according to equation (120): $u_{kr} = 0.06 \Rightarrow 6\%$, $I_{LR}/I_{fM} = 5$ for both the transformers and motor groups ................................................................. 157

Table 1 – Voltages and currents before the short circuit at the low-voltage side of the network transformers ........................................................................................................... 83

Table 2 – Results of calculations in meshed high-voltage networks with impedance correction factors for power station units and with $K_T$ according to equation (65) for the deviations $\Delta$ from equation (66) [19] ................................................................. 87

Table 3 – Values of $\kappa$ for the example in figure 28 ................................................................. 107

Table 4 – Data of low-voltage and medium-voltage asynchronous motors (50 Hz) and calculated values ................................................................................................................ 133

Table 5 – Data for the model generator [15] ............................................................................. 143
FOREWORD

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IEC 60909-1, which is a technical report, has been prepared by IEC technical committee 73: Short-circuit currents.

This technical report shall be read in conjunction with IEC 60909-0.

The text of this technical report is based on the following documents:

<table>
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<tr>
<th>Enquiry draft</th>
<th>Report on voting</th>
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<td>73/120/DTR</td>
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Full information on the voting for the approval of this technical report can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 3.
This document, which is purely informative, is not to be regarded as an International Standard.

The committee has decided that the contents of this publication will remain unchanged until 2010. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.
1 General

1.1 Scope and object

This part of IEC 60909 is a technical report applicable to short-circuit currents in three-phase a.c. systems. This technical report aims at showing the origin and the application, as far as necessary, of the factors used to meet the demands of technical precision and simplicity when calculating short-circuit currents according to IEC 60909-0.

Thus this technical report is an addition to IEC 60909-0. It does not, however, change the basis for the standardized calculation procedure given in IEC 60909-0.

NOTE References are given in some cases to offer additional help, not to change the procedure laid down in the standard.