Приложение 7 к Инструкции по определению токов короткого замыкания, выбору и проверке уставок максимальной токовой защиты в сетях напряжением до 1200 В (п. 2.4)

РАСЧЕТНЫЕ МИНИМАЛЬНЫЕ ТОКИ ДВУХФАЗНОГО К.З.   
В СЕТЯХ НАПРЯЖЕНИЕМ 660 В, ПИТАЮЩИХСЯ   
ОТ ПОДСТАНЦИИ КПТВ-1000

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| При-веден-ная длина кабе-ля Lпр, м | Мощность короткого замыкания высоковольтной сети, SВС [МВ·А] | | | | | | | | | |
| 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 80 | 100 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 5121 | 6370 | 7229 | 7869 | 8375 | 9159 | 9776 | 10277 | 10955 | 11407 |
| 20 | 4598 | 5678 | 6445 | 7033 | 7510 | 8265 | 8868 | 9313 | 9835 | 10175 |
| 40 | 4158 | 5079 | 5737 | 6243 | 6655 | 7306 | 7822 | 8175 | 8538 | 8769 |
| 60 | 3786 | 4570 | 5125 | 5550 | 5892 | 6428 | 6844 | 7111 | 7358 | 7511 |
| 80 | 3470 | 4139 | 4606 | 4959 | 5242 | 5676 | 6006 | 6207 | 6376 | 6479 |
| 100 | 3199 | 3773 | 4168 | 4462 | 4695 | 5047 | 5309 | 5462 | 5581 | 5653 |
| 120 | 2965 | 3461 | 3796 | 4044 | 4237 | 4524 | 4735 | 4854 | 4940 | 4991 |
| 140 | 2761 | 3193 | 3480 | 3689 | 3851 | 4089 | 4260 | 4354 | 4418 | 4456 |
| 160 | 2582 | 2960 | 3209 | 3387 | 3524 | 3723 | 3864 | 3939 | 3988 | 4018 |
| 180 | 2424 | 2758 | 2974 | 3128 | 3244 | 3412 | 3530 | 3592 | 3631 | 3653 |
| 200 | 2284 | 2580 | 2770 | 2903 | 3004 | 3147 | 3247 | 3298 | 3329 | 3347 |
| 220 | 2159 | 2423 | 2590 | 2707 | 2794 | 2918 | 3004 | 3047 | 3072 | 3086 |
| 240 | 2046 | 2283 | 2432 | 2535 | 2611 | 2719 | 2793 | 2829 | 2850 | 2862 |
| 260 | 1944 | 2158 | 2291 | 2382 | 2450 | 2544 | 2608 | 2640 | 2657 | 2668 |
| 280 | 1852 | 2046 | 2165 | 2247 | 2307 | 2390 | 2446 | 2474 | 2488 | 2497 |
| 300 | 1768 | 1944 | 2052 | 2125 | 2179 | 2253 | 2303 | 2327 | 2339 | 2347 |
| 320 | 1691 | 1852 | 1950 | 2016 | 2064 | 2130 | 2175 | 2196 | 2207 | 2213 |
| 340 | 1620 | 1768 | 1857 | 1917 | 1960 | 2020 | 2060 | 2079 | 2088 | 2094 |
| 360 | 1555 | 1691 | 1772 | 1827 | 1866 | 1920 | 1956 | 1973 | 1981 | 1986 |
| 380 | 1495 | 1621 | 1695 | 1745 | 1781 | 1830 | 1862 | 1878 | 1885 | 1889 |
| 400 | 1439 | 1556 | 1624 | 1670 | 1703 | 1748 | 1777 | 1791 | 1797 | 1801 |
| 420 | 1388 | 1496 | 1559 | 1601 | 1631 | 1672 | 1699 | 1712 | 1717 | 1721 |
| 440 | 1339 | 1440 | 1499 | 1537 | 1565 | 1603 | 1627 | 1639 | 1644 | 1647 |
| 460 | 1295 | 1388 | 1443 | 1479 | 1504 | 1539 | 1562 | 1572 | 1577 | 1580 |
| 480 | 1252 | 1340 | 1391 | 1424 | 1448 | 1480 | 1501 | 1511 | 1515 | 1517 |
| 500 | 1213 | 1295 | 1342 | 1373 | 1396 | 1425 | 1445 | 1454 | 1457 | 1460 |

Продолжение приложения 7

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 520 | 1176 | 1253 | 1297 | 1326 | 1347 | 1374 | 1392 | 1401 | 1404 | 1406 |
| 540 | 1141 | 1213 | 1255 | 1282 | 1301 | 1327 | 1344 | 1351 | 1355 | 1357 |
| 560 | 1108 | 1176 | 1215 | 1241 | 1259 | 1283 | 1298 | 1306 | 1309 | 1310 |
| 580 | 1077 | 1142 | 1178 | 1202 | 1219 | 1241 | 1256 | 1263 | 1265 | 1267 |
| 600 | 1048 | 1109 | 1143 | 1166 | 1182 | 1203 | 1216 | 1222 | 1225 | 1227 |
| 620 | 1020 | 1078 | 1110 | 1131 | 1146 | 1166 | 1179 | 1185 | 1187 | 1188 |
| 640 | 993 | 1048 | 1079 | 1099 | 1113 | 1132 | 1144 | 1149 | 1151 | 1153 |
| 660 | 968 | 1020 | 1050 | 1068 | 1082 | 1099 | 1111 | 1116 | 1118 | 1119 |
| 680 | 945 | 994 | 1022 | 1040 | 1052 | 1069 | 1079 | 1084 | 1086 | 1087 |
| 700 | 922 | 969 | 995 | 1012 | 1024 | 1040 | 1050 | 1054 | 1056 | 1057 |
| 720 | 900 | 945 | 970 | 986 | 997 | 1012 | 1022 | 102 | 1028 | 1029 |
| 740 | 880 | 922 | 946 | 961 | 972 | 986 | 995 | 999 | 1001 | 1002 |
| 760 | 860 | 901 | 923 | 938 | 948 | 962 | 970 | 974 | 976 | 976 |
| 780 | 841 | 880 | 902 | 915 | 925 | 938 | 946 | 950 | 951 | 952 |
| 800 | 823 | 860 | 881 | 894 | 903 | 916 | 923 | 927 | 928 | 929 |
| 820 | 806 | 841 | 861 | 874 | 883 | 894 | 902 | 905 | 906 | 907 |
| 840 | 789 | 823 | 842 | 854 | 863 | 874 | 881 | 884 | 885 | 886 |
| 860 | 773 | 806 | 824 | 836 | 844 | 854 | 861 | 864 | 865 | 866 |
| 880 | 758 | 789 | 807 | 818 | 826 | 836 | 842 | 845 | 846 | 847 |
| 900 | 743 | 773 | 790 | 801 | 808 | 818 | 824 | 827 | 828 | 828 |
| 920 | 729 | 758 | 774 | 784 | 791 | 801 | 807 | 809 | 810 | 811 |
| 940 | 715 | 743 | 759 | 769 | 775 | 784 | 790 | 793 | 793 | 794 |
| 960 | 702 | 729 | 744 | 753 | 760 | 769 | 774 | 776 | 777 | 778 |
| 980 | 689 | 716 | 730 | 739 | 745 | 753 | 759 | 761 | 762 | 762 |
| 1000 | 677 | 702 | 716 | 725 | 731 | 739 | 744 | 746 | 747 | 747 |