Приложение 4 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 ТРАНСФОРМАТОРОВ ТСШВ-630/6, ТСВ-630/6

И ПОДСТАНЦИЙ ТСШВП-630/6, ТСВП-630/6

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| При-веден-ная длина кабе-ля Lпр, м | Мощность к.з., МВ·А | | | | | | | | | |
| 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 80 | 100 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 4820 | 5948 | 6702 | 7251 | 7712 | 8328 | 8931 | 9364 | 9902 | 10274 |
| 20 | 4341 | 5321 | 5970 | 6477 | 6886 | 7517 | 8033 | 8404 | 8810 | 9079 |
| 40 | 3930 | 4771 | 5329 | 5760 | 6115 | 6648 | 7079 | 7382 | 7658 | 8741 |
| 60 | 3586 | 4301 | 4778 | 5137 | 5435 | 5874 | 6219 | 6439 | 6648 | 6772 |
| 80 | 3291 | 3902 | 4301 | 4603 | 4848 | 5211 | 5490 | 5661 | 5801 | 5884 |
| 100 | 3038 | 3566 | 3902 | 4159 | 4358 | 4539 | 4877 | 5004 | 5105 | 5170 |
| 120 | 2818 | 3274 | 3588 | 3780 | 3949 | 4191 | 4370 | 4471 | 4546 | 4590 |
| 140 | 2628 | 3026 | 3274 | 3457 | 3589 | 3802 | 3949 | 4013 | 4887 | 4117 |
| 160 | 2461 | 2811 | 3026 | 3182 | 3301 | 3472 | 3594 | 3662 | 3703 | 3729 |
| 180 | 3211 | 2622 | 2808 | 2945 | 3046 | 3191 | 3294 | 3348 | 3382 | 3404 |
| 200 | 2179 | 2455 | 2620 | 2738 | 2828 | 2950 | 3038 | 3038 | 3113 | 3227 |
| 220 | 2061 | 2308 | 2453 | 2557 | 2653 | 2557 | 2635 | 2743 | 2818 | 2893 |
| 240 | 1954 | 2176 | 2306 | 3298 | 2466 | 2561 | 2624 | 2658 | 2878 | 2689 |
| 260 | 1859 | 2059 | 2175 | 2256 | 2316 | 2399 | 2457 | 2210 | 2500 | 2510 |
| 280 | 1772 | 1953 | 2057 | 2130 | 2184 | 2257 | 2306 | 2333 | 2346 | 2353 |
| 300 | 1639 | 1857 | 1951 | 2017 | 2065 | 2131 | 2175 | 2197 | 2209 | 2216 |
| 320 | 1619 | 1770 | 1856 | 1914 | 1958 | 2017 | 1056 | 2076 | 2088 | 2092 |
| 340 | 1552 | 1690 | 169 | 1823 | 1869 | 1914 | 1950 | 1967 | 1977 | 1982 |
| 360 | 1490 | 1618 | 1689 | 1739 | 1774 | 1822 | 1854 | 1870 | 1877 | 1881 |
| 380 | 1433 | 1551 | 1617 | 1661 | 1794 | 1738 | 1767 | 1781 | 1788 | 1792 |
| 400 | 1380 | 1489 | 1550 | 1591 | 1621 | 1661 | 1688 | 1700 | 1706 | 1710 |
| 420 | 1331 | 1432 | 1488 | 1527 | 1554 | 1590 | 1615 | 1627 | 1631 | 1635 |
| 440 | 1285 | 1379 | 1431 | 1466 | 1492 | 1525 | 1547 | 1558 | 1562 | 1566 |
| 460 | 1242 | 1331 | 1379 | 1410 | 1434 | 1466 | 1486 | 1496 | 1500 | 1503 |

Продолжение приложения 4

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 480 | 1202 | 1285 | 1330 | 1360 | 1382 | 1422 | 1429 | 1438 | 1442 | 1444 |
| 500 | 1164 | 1242 | 1284 | 1312 | 1332 | 1359 | 1377 | 1385 | 1388 | 1391 |
| 520 | 1129 | 1202 | 1241 | 1276 | 1286 | 1311 | 1327 | 1335 | 1338 | 1340 |
| 540 | 1096 | 1164 | 1201 | 1226 | 1247 | 1266 | 1282 | 1289 | 1292 | 1293 |
| 560 | 1064 | 1129 | 1163 | 1187 | 1203 | 1225 | 1239 | 1246 | 1349 | 1250 |
| 580 | 1035 | 1096 | 1128 | 1150 | 1166 | 1186 | 1199 | 1205 | 1208 | 1209 |
| 600 | 1007 | 1064 | 1115 | 1130 | 1149 | 1161 | 1167 | 1167 | 1170 | 1171 |
| 620 | 980 | 1035 | 1064 | 1083 | 1098 | 1114 | 1126 | 1132 | 1134 | 1135 |
| 640 | 955 | 1007 | 1034 | 1052 | 1065 | 1082 | 1093 | 1098 | 1100 | 1102 |
| 660 | 931 | 980 | 1006 | 1023 | 1036 | 1051 | 1062 | 1067 | 1069 | 1070 |
| 680 | 908 | 954 | 979 | 996 | 1007 | 1022 | 1032 | 1037 | 1038 | 1039 |
| 700 | 886 | 931 | 954 | 970 | 981 | 995 | 1004 | 1008 | 1010 | 1011 |
| 720 | 866 | 908 | 930 | 945 | 956 | 969 | 978 | 982 | 983 | 985 |
| 740 | 846 | 887 | 908 | 922 | 932 | 944 | 953 | 956 | 958 | 959 |
| 760 | 827 | 866 | 886 | 829 | 909 | 921 | 929 | 932 | 934 | 935 |
| 780 | 809 | 846 | 865 | 878 | 887 | 898 | 906 | 909 | 911 | 912 |
| 800 | 792 | 827 | 846 | 858 | 866 | 877 | 884 | 888 | 889 | 890 |
| 820 | 775 | 809 | 827 | 838 | 846 | 857 | 864 | 867 | 868 | 869 |
| 840 | 759 | 792 | 809 | 820 | 827 | 838 | 844 | 847 | 848 | 849 |
| 860 | 744 | 775 | 791 | 792 | 809 | 819 | 825 | 828 | 829 | 830 |
| 880 | 729 | 759 | 775 | 785 | 792 | 801 | 807 | 810 | 811 | 812 |
| 900 | 715 | 744 | 759 | 769 | 776 | 784 | 790 | 793 | 794 | 794 |
| 920 | 702 | 729 | 744 | 753 | 760 | 768 | 774 | 776 | 777 | 778 |
| 940 | 689 | 715 | 739 | 738 | 744 | 752 | 758 | 760 | 761 | 762 |
| 960 | 676 | 702 | 715 | 724 | 730 | 738 | 743 | 745 | 746 | 746 |
| 980 | 664 | 689 | 701 | 710 | 715 | 723 | 728 | 730 | 731 | 731 |
| 1000 | 652 | 676 | 689 | 697 | 702 | 710 | 714 | 716 | 717 | 717 |