Приложение 5 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 1140 В, ПИТАЮЩИХСЯ

ОТ ПОДСТАНЦИИ 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 | 2785 | 3423 | 3864 | 4185 | 4443 | 4843 | 5163 | 5408 | 5729 | 5944 |
| 20 | 2687 | 3297 | 3723 | 4034 | 4289 | 4688 | 5004 | 5244 | 5539 | 5734 |
| 40 | 2594 | 3175 | 3585 | 3888 | 4133 | 4520 | 4835 | 5062 | 5327 | 5507 |
| 60 | 2507 | 3060 | 3450 | 3743 | 3980 | 4354 | 4653 | 4868 | 5108 | 5263 |
| 80 | 2425 | 2950 | 3322 | 3601 | 3828 | 4185 | 4471 | 4448 | 4884 | 5022 |
| 100 | 2347 | 2846 | 3200 | 3465 | 3680 | 4020 | 4289 | 4471 | 4664 | 4786 |
| 120 | 2273 | 2746 | 3081 | 3381 | 3331 | 3536 | 3857 | 4110 | 4279 | 4553 |
| 140 | 2202 | 2651 | 2969 | 3206 | 3399 | 3701 | 3936 | 4092 | 4241 | 4335 |
| 160 | 2136 | 2463 | 2863 | 3086 | 3268 | 3551 | 1772 | 3912 | 4043 | 4127 |
| 180 | 2073 | 2478 | 2762 | 2973 | 3144 | 3409 | 3612 | 3740 | 3859 | 3031 |
| 200 | 2014 | 2398 | 2666 | 2866 | 3027 | 3274 | 3463 | 3580 | 3685 | 3748 |
| 220 | 1957 | 2323 | 2576 | 2763 | 2914 | 3146 | 3322 | 3428 | 3521 | 3576 |
| 240 | 1904 | 2250 | 2490 | 2667 | 2809 | 3024 | 3188 | 3285 | 3367 | 3417 |
| 260 | 1853 | 2183 | 2410 | 2576 | 2709 | 2911 | 3063 | 3153 | 3226 | 3270 |
| 280 | 1804 | 2118 | 2333 | 2490 | 2615 | 2804 | 2944 | 3027 | 3093 | 3132 |
| 300 | 1758 | 2057 | 2260 | 2409 | 2527 | 2703 | 2833 | 2910 | 2967 | 3003 |
| 320 | 1714 | 1999 | 2191 | 2331 | 2442 | 2608 | 2730 | 2798 | 2851 | 2883 |
| 340 | 1672 | 1943 | 2127 | 2259 | 2363 | 2518 | 2632 | 2695 | 2743 | 2772 |
| 360 | 1632 | 1891 | 2064 | 2190 | 2288 | 2433 | 2539 | 2598 | 2641 | 2667 |
| 380 | 1593 | 1841 | 2006 | 2124 | 2217 | 2353 | 2453 | 2508 | 2547 | 2571 |
| 400 | 1557 | 1793 | 1950 | 2062 | 2150 | 2278 | 2371 | 2421 | 2458 | 2479 |
| 420 | 1521 | 1748 | 1897 | 2004 | 2086 | 2207 | 2297 | 2342 | 2347 | 2394 |
| 440 | 1487 | 1705 | 1846 | 1948 | 2026 | 2140 | 2221 | 2266 | 2296 | 2313 |
| 480 | 1424 | 1623 | 1753 | 1844 | 1915 | 2016 | 2089 | 2127 | 2152 | 2167 |
| 500 | 1395 | 1586 | 1709 | 1796 | 1863 | 1959 | 2027 | 2963 | 2086 | 2100 |
| 520 | 1366 | 1549 | 1668 | 1750 | 1814 | 1905 | 1969 | 2003 | 2024 | 2037 |

Продолжение приложения 5

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 540 | 1339 | 1515 | 1628 | 1707 | 1767 | 1853 | 1914 | 1945 | 1966 | 1978 |
| 560 | 1312 | 1481 | 1590 | 1665 | 1723 | 1804 | 1862 | 1892 | 1910 | 1921 |
| 580 | 1284 | 1449 | 1553 | 1625 | 1680 | 1758 | 1812 | 1840 | 1857 | 1868 |
| 600 | 1262 | 1419 | 1518 | 1587 | 1639 | 1713 | 1765 | 1791 | 1808 | 1817 |
| 620 | 1239 | 1389 | 1485 | 1551 | 1601 | 1671 | 1720 | 1745 | 1760 | 1763 |
| 640 | 1216 | 1361 | 1453 | 1516 | 1777 | 1613 | 1677 | 1701 | 1715 | 1723 |
| 660 | 1194 | 1334 | 1422 | 1482 | 1528 | 1592 | 1659 | 1672 | 1672 | 1680 |
| 680 | 1172 | 1307 | 1392 | 1450 | 1493 | 1554 | 1618 | 1630 | 1630 | 1637 |
| 700 | 1152 | 1283 | 1364 | 1420 | 1461 | 1520 | 1580 | 1592 | 1592 | 1599 |
| 720 | 1132 | 1258 | 1336 | 1390 | 1430 | 1486 | 1544 | 1555 | 1555 | 1561 |
| 740 | 1113 | 1235 | 1210 | 1369 | 1400 | 1454 | 1509 | 1519 | 1519 | 1525 |
| 760 | 1095 | 1212 | 1285 | 1334 | 1371 | 1423 | 1375 | 1485 | 1485 | 1491 |
| 780 | 1077 | 1190 | 1261 | 1308 | 1344 | 1393 | 1443 | 1452 | 1452 | 1458 |
| 800 | 1059 | 1169 | 1237 | 1283 | 1317 | 1364 | 1412 | 1421 | 1421 | 1426 |
| 820 | 1042 | 1149 | 1214 | 1259 | 1291 | 1337 | 1383 | 1391 | 1391 | 1396 |
| 840 | 1026 | 1129 | 1192 | 1235 | 1267 | 1313 | 1354 | 1362 | 1362 | 1367 |
| 860 | 1010 | 1110 | 1171 | 1213 | 1243 | 1285 | 1327 | 1335 | 1335 | 1339 |
| 880 | 955 | 1092 | 1151 | 1191 | 1221 | 1261 | 1301 | 1308 | 1308 | 1312 |
| 900 | 890 | 1074 | 1131 | 1169 | 1198 | 1237 | 1276 | 1282 | 1282 | 1276 |
| 920 | 966 | 1057 | 1112 | 1149 | 1176 | 1214 | 1251 | 1258 | 1258 | 1262 |
| 940 | 951 | 1040 | 1094 | 1129 | 1156 | 1192 | 1228 | 1234 | 1234 | 1238 |
| 960 | 938 | 1024 | 1076 | 1110 | 1136 | 1171 | 1296 | 1211 | 1211 | 1215 |
| 980 | 925 | 1008 | 1058 | 1092 | 1117 | 1150 | 1184 | 1189 | 1189 | 1192 |
| 1000 | 912 | 993 | 1042 | 1075 | 1099 | 1131 | 1164 | 1162 | 1169 | 1172 |