Приложение 6 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 1200 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 | 2945 | 3663 | 4157 | 4524 | 4816 | 5266 | 5621 | 5909 | 6299 | 6559 |
| 20 | 2839 | 3526 | 4005 | 4366 | 4656 | 5109 | 5469 | 5751 | 6115 | 6355 |
| 40 | 2740 | 3394 | 3855 | 4206 | 4490 | 4937 | 5294 | 5565 | 5898 | 6117 |
| 60 | 2646 | 3268 | 3709 | 4048 | 4322 | 4757 | 5104 | 5360 | 5661 | 5857 |
| 80 | 2557 | 3148 | 3569 | 3893 | 4156 | 4573 | 4906 | 5146 | 5415 | 5588 |
| 100 | 2474 | 3034 | 3434 | 3742 | 3993 | 4390 | 4706 | 4928 | 5166 | 5319 |
| 120 | 2395 | 2926 | 3305 | 3597 | 3834 | 4210 | 4507 | 4711 | 4921 | 5055 |
| 140 | 2320 | 2823 | 3182 | 3458 | 3682 | 4035 | 4313 | 4500 | 4685 | 4801 |
| 160 | 2249 | 2726 | 3065 | 3326 | 3537 | 3868 | 4127 | 4297 | 4459 | 4561 |
| 180 | 2182 | 2634 | 2955 | 3200 | 3398 | 3708 | 3948 | 4103 | 4246 | 4335 |
| 200 | 2118 | 2547 | 2850 | 3081 | 3267 | 3556 | 3779 | 3919 | 4045 | 4123 |
| 220 | 2058 | 2465 | 2751 | 2968 | 3143 | 3412 | 3619 | 3747 | 3858 | 3926 |
| 240 | 2001 | 2387 | 2657 | 2862 | 3025 | 3276 | 3468 | 3584 | 3683 | 3743 |
| 260 | 1946 | 2314 | 2569 | 2761 | 2914 | 1349 | 3326 | 3432 | 3519 | 3573 |
| 280 | 1895 | 2244 | 2485 | 2666 | 2810 | 3028 | 3193 | 3290 | 3367 | 3414 |
| 300 | 1845 | 2177 | 2406 | 2577 | 2711 | 2915 | 3068 | 3157 | 3226 | 3268 |
| 320 | 1798 | 2115 | 2331 | 2492 | 2618 | 2809 | 2950 | 3032 | 3094 | 3131 |
| 340 | 1754 | 2055 | 2260 | 2412 | 2531 | 2709 | 2840 | 2915 | 2971 | 3005 |
| 360 | 1711 | 1998 | 2193 | 2336 | 2448 | 2615 | 2737 | 2806 | 2857 | 2887 |
| 380 | 1670 | 1944 | 2129 | 2264 | 2370 | 2526 | 2640 | 2704 | 2750 | 2777 |
| 400 | 1631 | 1893 | 2068 | 2196 | 2296 | 2443 | 2549 | 2608 | 2649 | 2674 |
| 420 | 1594 | 1844 | 2011 | 2132 | 2226 | 2364 | 2464 | 2518 | 2556 | 2578 |
| 440 | 1558 | 1797 | 1956 | 2071 | 2160 | 2290 | 2383 | 2434 | 2468 | 2488 |
| 460 | 1524 | 1753 | 1904 | 2013 | 2097 | 2220 | 2307 | 2354 | 2386 | 2404 |
| 480 | 1491 | 1710 | 1854 | 1958 | 2038 | 2153 | 2235 | 2279 | 2308 | 2325 |
| 500 | 1460 | 1670 | 1807 | 1906 | 1981 | 2090 | 2168 | 2209 | 2235 | 2251 |
| 520 | 1429 | 1631 | 1762 | 1856 | 1928 | 2031 | 2104 | 2142 | 2166 | 2181 |

Продолжение приложения 6

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 540 | 1400 | 1594 | 1719 | 1809 | 1877 | 1974 | 2043 | 2079 | 2101 | 2115 |
| 560 | 1372 | 1558 | 1678 | 1763 | 1828 | 1921 | 1986 | 2019 | 2040 | 2053 |
| 580 | 1346 | 1524 | 1639 | 1720 | 1782 | 1870 | 1931 | 1963 | 1982 | 1994 |
| 600 | 1320 | 1491 | 1601 | 1679 | 1738 | 1821 | 1879 | 1909 | 1927 | 1938 |
| 620 | 1295 | 1460 | 1566 | 1640 | 1696 | 1775 | 1830 | 1858 | 1875 | 1885 |
| 640 | 1271 | 1430 | 1531 | 1602 | 1655 | 1731 | 1783 | 1810 | 1826 | 1835 |
| 660 | 1247 | 1401 | 1498 | 1566 | 1617 | 1689 | 1739 | 1764 | 1779 | 1787 |
| 680 | 1225 | 1373 | 1466 | 1532 | 1580 | 1649 | 1696 | 1720 | 1734 | 1742 |
| 700 | 1203 | 1346 | 1436 | 1498 | 1545 | 1611 | 1656 | 1678 | 1691 | 1699 |
| 720 | 1183 | 1320 | 1407 | 1467 | 1511 | 1574 | 1617 | 1638 | 1650 | 1658 |
| 740 | 1162 | 1295 | 1378 | 1436 | 1479 | 1539 | 1580 | 1600 | 1612 | 1618 |
| 760 | 1143 | 1271 | 1351 | 1407 | 1448 | 1505 | 1544 | 1564 | 1574 | 1581 |
| 780 | 1124 | 1248 | 1325 | 1379 | 1418 | 1473 | 1510 | 1529 | 1539 | 1545 |
| 800 | 1106 | 1226 | 1300 | 1351 | 1389 | 1442 | 1478 | 1495 | 1505 | 1511 |
| 820 | 1088 | 1204 | 1276 | 1325 | 1362 | 1412 | 1447 | 1463 | 1472 | 1478 |
| 840 | 1071 | 1183 | 1253 | 1300 | 1335 | 1384 | 1417 | 1433 | 1441 | 1446 |
| 860 | 1054 | 1163 | 1230 | 1276 | 1310 | 1356 | 1388 | 1403 | 1411 | 1416 |
| 880 | 1038 | 1144 | 1208 | 1253 | 1285 | 1330 | 1360 | 1375 | 1383 | 1387 |
| 900 | 1022 | 1125 | 1187 | 1230 | 1261 | 1305 | 1334 | 1348 | 1355 | 1359 |
| 920 | 1007 | 1106 | 1167 | 1208 | 1238 | 1280 | 1308 | 1322 | 1328 | 1333 |
| 940 | 992 | 1089 | 1147 | 1187 | 1216 | 1256 | 1283 | 1296 | 1303 | 1307 |
| 960 | 978 | 1072 | 1128 | 1167 | 1195 | 1234 | 1260 | 1272 | 1278 | 1282 |
| 980 | 964 | 1055 | 1110 | 1147 | 1174 | 1212 | 1237 | 1249 | 1255 | 1258 |
| 1000 | 950 | 1039 | 1092 | 1128 | 1154 | 1190 | 1214 | 1226 | 1232 | 1235 |