Приложение 8 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-1250

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 | 3078 | 3898 | 4477 | 4914 | 5262 | 5805 | 6536 | 6590 | 7079 | 7409 |
| 20 | 2961 | 3739 | 4297 | 4724 | 5069 | 2615 | 6053 | 6400 | 6854 | 7158 |
| 40 | 2851 | 3588 | 4121 | 4533 | 4870 | 5406 | 5839 | 6171 | 6583 | 6856 |
| 60 | 2748 | 3445 | 3951 | 4345 | 4668 | 5186 | 5605 | 5917 | 684 | 6526 |
| 80 | 2651 | 3309 | 3788 | 4162 | 4470 | 4964 | 5363 | 5651 | 5974 | 6184 |
| 100 | 2560 | 3180 | 3633 | 3986 | 4277 | 4743 | 5118 | 5382 | 5664 | 5845 |
| 120 | 2474 | 3060 | 3485 | 3818 | 4091 | 4528 | 4878 | 5118 | 5362 | 5518 |
| 140 | 2393 | 2946 | 3346 | 3658 | 3914 | 4321 | 4646 | 4862 | 5074 | 5208 |
| 160 | 2317 | 2838 | 3215 | 3507 | 3746 | 4125 | 4424 | 4619 | 4803 | 4918 |
| 180 | 2245 | 2737 | 3091 | 3365 | 3588 | 3939 | 4214 | 4390 | 4549 | 4648 |
| 200 | 2177 | 2642 | 2975 | 3231 | 3438 | 3764 | 4016 | 4175 | 4313 | 4399 |
| 220 | 2113 | 2552 | 2865 | 3105 | 3298 | 2599 | 3831 | 3974 | 4095 | 4169 |
| 240 | 2052 | 2468 | 2762 | 2986 | 3167 | 3445 | 3659 | 3788 | 3894 | 3958 |
| 260 | 1994 | 2388 | 2665 | 2875 | 3043 | 3302 | 3498 | 3615 | 3708 | 3764 |
| 280 | 1939 | 2313 | 2573 | 2771 | 2927 | 3167 | 3348 | 3454 | 3536 | 3585 |
| 300 | 1887 | 2242 | 2487 | 2672 | 2819 | 3041 | 3208 | 3304 | 3377 | 3421 |
| 320 | 1838 | 2174 | 2406 | 2580 | 2717 | 2924 | 3078 | 3166 | 3230 | 3269 |
| 340 | 1791 | 2110 | 2330 | 2493 | 2621 | 2814 | 2956 | 3036 | 3094 | 3129 |
| 360 | 1746 | 2050 | 2257 | 2411 | 2531 | 2711 | 2843 | 2916 | 2968 | 2999 |
| 380 | 1703 | 1993 | 2189 | 2334 | 2447 | 2615 | 2737 | 2805 | 2851 | 2879 |
| 400 | 1662 | 1938 | 2124 | 2261 | 2367 | 2524 | 2638 | 2700 | 2742 | 2767 |
| 420 | 1623 | 1887 | 2063 | 2192 | 2292 | 2439 | 2545 | 2603 | 2641 | 2663 |
| 440 | 1586 | 1837 | 2005 | 2127 | 2221 | 2359 | 2458 | 2511 | 2546 | 2566 |
| 460 | 1551 | 1791 | 1950 | 2065 | 2154 | 2284 | 2376 | 2426 | 2457 | 2476 |
| 480 | 1516 | 1746 | 1897 | 2007 | 2091 | 2213 | 2299 | 2345 | 2374 | 2391 |
| 500 | 1484 | 1703 | 1848 | 1951 | 2031 | 2146 | 2227 | 2270 | 2296 | 2312 |

Продолжение приложения 8

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 520 | 1452 | 1663 | 1800 | 1899 | 1974 | 2082 | 2159 | 2199 | 2223 | 2238 |
| 540 | 1422 | 1624 | 1755 | 1849 | 1920 | 2023 | 2094 | 2132 | 2154 | 2168 |
| 560 | 1393 | 1587 | 1712 | 1801 | 1869 | 1966 | 2034 | 2068 | 2089 | 2102 |
| 580 | 1365 | 1551 | 1671 | 1756 | 1820 | 1912 | 1976 | 2009 | 2028 | 2039 |
| 600 | 1339 | 1517 | 1632 | 1713 | 1774 | 1861 | 1921 | 1952 | 1970 | 1981 |
| 620 | 1313 | 1484 | 1594 | 1671 | 1730 | 1812 | 1870 | 1899 | 1915 | 1925 |
| 640 | 1288 | 1453 | 1558 | 1632 | 1687 | 1766 | 1820 | 1848 | 1863 | 1872 |
| 660 | 1264 | 1423 | 1524 | 1594 | 1647 | 1722 | 1774 | 1799 | 1814 | 1822 |
| 680 | 1241 | 1394 | 1491 | 1558 | 1609 | 1680 | 1729 | 1754 | 1767 | 1775 |
| 700 | 1219 | 1366 | 1459 | 1524 | 1572 | 1640 | 1687 | 1710 | 1722 | 1730 |
| 720 | 1197 | 1340 | 1429 | 1491 | 1537 | 1602 | 1646 | 1668 | 1680 | 1687 |
| 740 | 1176 | 1314 | 1400 | 1459 | 1503 | 1565 | 1608 | 1628 | 1640 | 1646 |
| 760 | 1156 | 1289 | 1372 | 1429 | 1471 | 1530 | 1571 | 1591 | 1601 | 1607 |
| 780 | 1137 | 1265 | 1345 | 1400 | 1440 | 1497 | 1535 | 1554 | 1564 | 1570 |
| 800 | 1118 | 1242 | 1319 | 1372 | 1410 | 1465 | 1502 | 1520 | 1529 | 1534 |
| 820 | 1100 | 1220 | 1294 | 1345 | 1382 | 1434 | 1469 | 1486 | 1495 | 1500 |
| 840 | 1082 | 1198 | 1270 | 1319 | 1354 | 1404 | 1438 | 1455 | 1463 | 1468 |
| 860 | 1065 | 1177 | 1246 | 1293 | 1328 | 1376 | 1408 | 1424 | 1432 | 1437 |
| 880 | 1049 | 1157 | 1224 | 1269 | 1303 | 1349 | 1380 | 1395 | 1402 | 1407 |
| 900 | 1033 | 1138 | 1202 | 1246 | 1278 | 1323 | 1352 | 1367 | 1374 | 1378 |
| 920 | 1017 | 1119 | 1181 | 1224 | 1255 | 1297 | 1326 | 1340 | 1346 | 1350 |
| 940 | 1002 | 1101 | 1161 | 1202 | 1232 | 1273 | 1300 | 1314 | 1320 | 1324 |
| 960 | 987 | 1083 | 1142 | 1181 | 1210 | 1249 | 1276 | 1288 | 1295 | 1298 |
| 980 | 973 | 1066 | 1123 | 1161 | 1189 | 1227 | 1252 | 1264 | 1270 | 1274 |
| 1000 | 959 | 1050 | 1104 | 1141 | 1168 | 1205 | 1229 | 1241 | 1247 | 1250 |