



LV8 Type Data

Deviating pulse frequencies and other variations available on request

Line converter, air-cooled at ambient temperature 40°C at 2.5 kHz

| Type Designation | Line Voltage | Motor Voltage | Rated Power | Rated Current | Max. Current | Rated Current | Max. Current | Rated Current | Max. Current | DC-Link Voltage |
|--------------------------|--------------|---------------|-------------|-----------------------|-----------------------|---------------------|--------------|---------------|--------------|-----------------|
| | | | | Load Cycle 60s / 600s | Load Cycle 30s / 180s | Load Cycle 3s / 15s | | | | |
| | [V] | [V] | [kVA] | [A] | [A] | [A] | [A] | [A] | [A] | [VDC] |
| LV8404A-AFE | 400 | 400 – 440 | 381 | 550 | 660 | 510 | 694 | 480 | 750 | 720 |
| LV8405AX-AFE | 400 | 400 – 440 | 416 | 600 | 720 | 565 | 760 | 555 | 870 | 720 |
| LV8407A-AFE | 400 | 400 – 440 | 637 | 920 | 1104 | 920 | 1250 | 900 | 1404 | 720 |
| LV8504A-AFE | 400 | 460 – 500 | 367 | 530 | 636 | 490 | 666 | 470 | 737 | 790 |
| LV8504AX-AFE | 400 | 460 – 500 | 388 | 560 | 670 | 525 | 715 | 515 | 800 | 790 |
| LV8506A-AFE | 400 | 460 – 500 | 589 | 850 | 1020 | 820 | 1115 | 800 | 1248 | 790 |
| LV8604A-AFE | 690 | 690 | 388 | 325 | 390 | 275 | 370 | 265 | 410 | 1070 |
| LV8610A-AFE | 690 | 690 | 910 | 762 | 914 | 680 | 925 | 655 | 1028 | 1070 |
| 2 converters in parallel | | | | | | | | | | |
| LV8408A-AFE (2p) | 400 | 400 – 440 | 762 | 1100 | 1320 | 1020 | 1388 | 960 | 1500 | 720 |
| LV8409AX-AFE (2p) | 400 | 400 – 440 | 831 | 1200 | 1440 | 1130 | 1520 | 1110 | 1740 | 720 |
| LV8413A-AFE (2p) | 400 | 400 – 440 | 1274 | 1840 | 2208 | 1840 | 2500 | 1800 | 2808 | 720 |
| LV8508A-AFE (2p) | 400 | 460 – 500 | 734 | 1060 | 1272 | 980 | 1332 | 940 | 1474 | 790 |
| LV8508AX-AFE (2p) | 400 | 460 – 500 | 776 | 1120 | 1340 | 1050 | 1430 | 1030 | 1600 | 790 |
| LV8512A-AFE (2p) | 400 | 460 – 500 | 1177 | 1700 | 2040 | 1640 | 2230 | 1600 | 2496 | 790 |
| LV8608A-AFE (2p) | 690 | 690 | 776 | 650 | 780 | 550 | 740 | 530 | 820 | 1070 |
| LV8619A-AFE (2p) | 690 | 690 | 1820 | 1524 | 1828 | 1360 | 1850 | 1310 | 2056 | 1070 |
| 3 converters in parallel | | | | | | | | | | |
| LV8412A-AFE (3p) | 400 | 400 – 440 | 1142 | 1650 | 1980 | 1530 | 2082 | 1440 | 2250 | 720 |
| LV8413AX-AFE (3p) | 400 | 400 – 440 | 1246 | 1800 | 2160 | 1695 | 2280 | 1665 | 2610 | 720 |
| LV8420A-AFE (3p) | 400 | 400 – 440 | 1910 | 2760 | 3312 | 2760 | 3750 | 2700 | 4212 | 720 |
| LV8512A-AFE (3p) | 400 | 460 – 500 | 1101 | 1590 | 1908 | 1470 | 1998 | 1410 | 2211 | 790 |
| LV8512AX-AFE (3p) | 400 | 460 – 500 | 1163 | 1680 | 2010 | 1575 | 2145 | 1545 | 2400 | 790 |
| LV8518A-AFE (3p) | 400 | 460 – 500 | 1765 | 2550 | 3060 | 2460 | 3345 | 2400 | 3744 | 790 |
| LV8612A-AFE (3p) | 690 | 690 | 1164 | 975 | 1170 | 825 | 1110 | 795 | 1230 | 1070 |
| LV8628A-AFE (3p) | 690 | 690 | 2729 | 2286 | 2742 | 2040 | 2775 | 1965 | 3084 | 1070 |