



LV8 Type Data

Deviating pulse frequencies and other variations available on request

Line converter, liquid-cooled at inlet 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] |
| LV8405W40-AFE | 400 | 400 – 440 | 416 | 600 | 720 | 600 | 810 | 590 | 920 | 720 |
| LV8405W40X-AFE | 400 | 400 – 440 | 416 | 600 | 720 | 600 | 810 | 600 | 940 | 720 |
| LV8407W40-AFE | 400 | 400 – 440 | 637 | 920 | 1104 | 920 | 1250 | 920 | 1435 | 720 |
| LV8505W40-AFE | 400 | 460 – 500 | 416 | 600 | 720 | 590 | 800 | 570 | 890 | 790 |
| LV8505W40X-AFE | 400 | 460 – 500 | 416 | 600 | 720 | 600 | 810 | 600 | 940 | 790 |
| LV8507W40-AFE | 400 | 460 – 500 | 637 | 920 | 1104 | 920 | 1250 | 920 | 1435 | 790 |
| LV8606W40-AFE | 690 | 690 | 514 | 430 | 516 | 385 | 520 | 365 | 570 | 1070 |
| LV8611W40-AFE | 690 | 690 | 1100 | 920 | 1104 | 920 | 1250 | 920 | 1435 | 1070 |
| 2 converters in parallel | | | | | | | | | | |
| LV8409W40-AFE (2p) | 400 | 400 – 440 | 831 | 1200 | 1440 | 1200 | 1620 | 1180 | 1840 | 720 |
| LV8409W40X-AFE (2p) | 400 | 400 – 440 | 831 | 1200 | 1440 | 1200 | 1620 | 1200 | 1880 | 720 |
| LV8413W40-AFE (2p) | 400 | 400 – 440 | 1274 | 1840 | 2208 | 1840 | 2500 | 1840 | 2870 | 720 |
| LV8509W40-AFE (2p) | 400 | 460 – 500 | 831 | 1200 | 1440 | 1180 | 1600 | 1140 | 1780 | 790 |
| LV8509W40X-AFE (2p) | 400 | 460 – 500 | 831 | 1200 | 1440 | 1200 | 1620 | 1200 | 1880 | 790 |
| LV8513W40-AFE (2p) | 400 | 460 – 500 | 1274 | 1840 | 2208 | 1840 | 2500 | 1840 | 2870 | 790 |
| LV8611W40-AFE (2p) | 690 | 690 | 1027 | 860 | 1032 | 770 | 1040 | 730 | 1140 | 1070 |
| LV8622W40-AFE (2p) | 690 | 690 | 2200 | 1840 | 2208 | 1840 | 2500 | 1840 | 2870 | 1070 |
| 3 converters in parallel | | | | | | | | | | |
| LV8413W40-AFE (3p) | 400 | 400 – 440 | 1246 | 1800 | 2160 | 1800 | 2430 | 1770 | 2760 | 720 |
| LV8413W40X-AFE (3p) | 400 | 400 – 440 | 1246 | 1800 | 2160 | 1800 | 2430 | 1800 | 2820 | 720 |
| LV8420W40-AFE (3p) | 400 | 400 – 440 | 1910 | 2760 | 3312 | 2760 | 3750 | 2760 | 4305 | 720 |
| LV8513W40-AFE (3p) | 400 | 460 – 500 | 1246 | 1800 | 2160 | 1770 | 2400 | 1710 | 2670 | 790 |
| LV8513W40X-AFE (3p) | 400 | 460 – 500 | 1246 | 1800 | 2160 | 1800 | 2430 | 1800 | 2820 | 790 |
| LV8520W40-AFE (3p) | 400 | 460 – 500 | 1910 | 2760 | 3312 | 2760 | 3750 | 2760 | 4305 | 790 |
| LV8616W40-AFE (3p) | 690 | 690 | 1540 | 1290 | 1548 | 1155 | 1560 | 1095 | 1710 | 1070 |
| LV8633W40-AFE (3p) | 690 | 690 | 3295 | 2760 | 3312 | 2760 | 3750 | 2760 | 4305 | 1070 |