



AX8640 | Power supply module 40 A

A power supply module generates the DC-Link voltage (DC) for the power supply of the axis modules and the option modules from the mains voltage. It already contains a mains filter, for which the drive is tested and certified in accordance with EN 61800-3 for Category C3 use.

Any regenerative energy produced, e.g. through strong braking of the motors, can be converted into heat either via the internal brake resistor or via the combination of built-in brake chopper and external brake resistor. Alternatively, the energy can be buffered in the AX8810 capacitor module.

AX8000 power supply modules can be used on 3-phase low-voltage mains supplies (3-phase mains supplies 200...480 V AC, 50/60 Hz).

A separate 24 V DC power supply is required in each case.

Technical data	AX8640-0000-0000
Function	power supply module
Rated supply voltage	3 x 200...480 V AC
Rated input current	3~: 35 A AC
DC-Link output current	3~: 40.0 A DC
DC-Link voltage	max. 875 V DC
DC-Link capacitance	625 µF
Rated output	3~: 21.4 kW
Power loss	8 W + 6 W/kW
Drive profile	CI402 according to IEC 61800-7-201 (CoE)
Protection class	IP 20
Ambient temperature (operation)	0...+40 °C
Approvals/markings	CE, cULus, EAC