

AX8620 | Power supply module



i Product status: Regular delivery

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.

The TwinCAT 3 Drive Manager 2 serves as commissioning tool. Thanks to the structured design and the wide range of functions, commissioning of the axis is simple and intuitive.

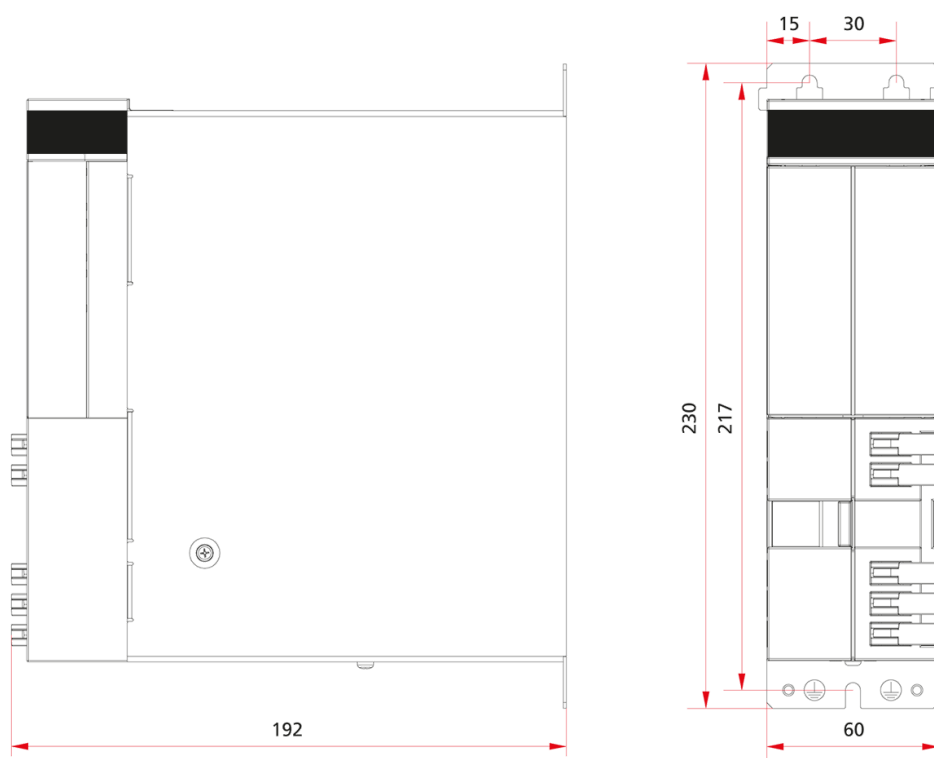
Product information

Technical Data

Technical data	AX8620-0000-0000
Function	power supply module
Rated supply voltage	1 x 100...240 V AC 3 x 200...480 V AC

DC-Link voltage	max. 848 V DC
DC-Link output current	5/7 A DC (at single-phase feeding), 20 A DC
System bus	EtherCAT
Drive profile	CiA402 according to IEC 61800-7-201 (CoE)
Ambient temperature (operation)	0...+40 °C, up to +55 °C with power reduction (see documentation)
Approvals/markings	CE, cULus, EAC

Housing data	AX862x
Protection rating	IP20
Width	60 mm



Dimensions	AX8620-0000-0000
Height without connectors	230 mm
Depth without connectors	192 mm
Width	60 mm