

AMP8620-2005-0000 | Power supply module for AMP8000



i Product status: Regular delivery

The AMP8620 module is directly connected to the mains supply, which minimizes the footprint and the cabling effort for the entire machine. It contains all required circuitry components, such as mains filters, rectifiers and charging circuits for the integrated DC-Link capacitors. Further distribution modules or decentralized AMP8000 Servo Drives can optionally be connected to the power supply module. It has two EtherCAT P outputs, through which either EtherCAT P modules can be supplied or else additional power supply modules can be connected that may be required for system expansion. The safe 24 V power supply unit integrated in the power supply module ensures that the logic power supply does not exceed the permissible level. The DC-Link capacitors integrated in the power supply module store the regenerative energy of the entire system and then make it available again for acceleration processes. This ensures the best-possible utilization of the energy supplied.

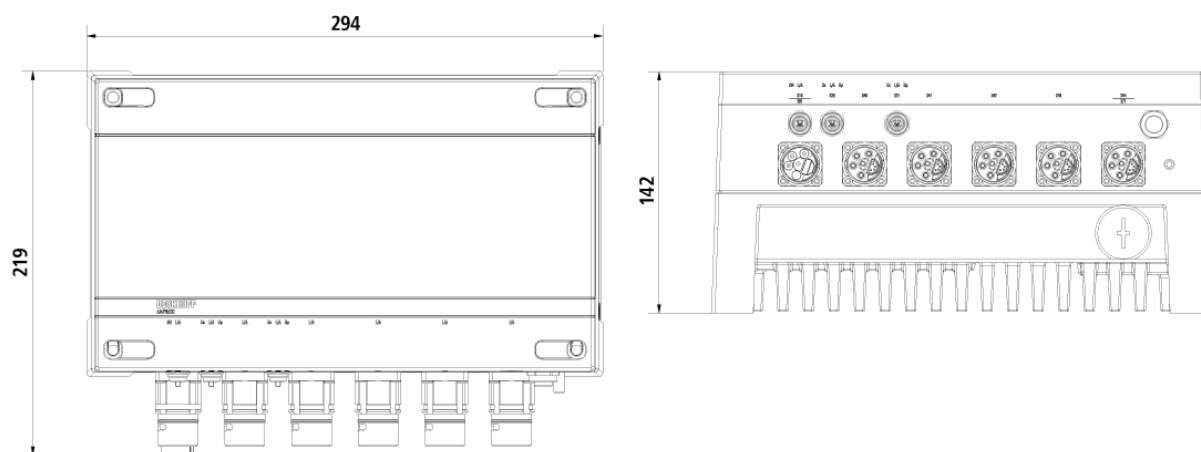
Product information

Technical data

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Function	power supply module
Channels	5
EtherCAT P inputs	1 x M8
EtherCAT P outputs	2 x M8
Rated supply voltage	3 x 400...480 V AC
DC-Link voltage	430...848 V DC

DC-Link output current	Σ max. 20 A DC
Continuous braking power	-
System bus	EtherCAT
Drive profile	CiA402 according to IEC 61800-7-201 (CoE)
Ambient temperature (operation)	0...+40 °C
Approvals/markings	CE, cULus, EAC

Housing data	AMP8620, AMP8805
Protection rating	IP65



Dimensions	AMP8620-2005-0000
Height without mating connectors	219 mm
Depth	142 mm
Width	294 mm