



i AX5031 | AMP8000 coupling module for AX5000

For connecting AMP8000 distributed servo drives to the PC-based control technology, and more specifically to the EtherCAT-based Servo Drive systems AX5000 and AX8000 there are two coupling modules available in single-channel and dual-channel versions each. The coupling modules provide a connection for the DC Link intermediate circuit, 24 V DC power supply and EtherCAT communication. Distributed servo drives can be coupled to the AX8000 multi-axis servo system via an AX883x power supply module and to the AX5000 EtherCAT Drives via an AX503x axis module. By means of the 1- or 2-channel coupling modules and the AMP8805 distribution module, the implementation of simple as well as complex distributed drive solutions is easy and straightforward.

Technical data	AX5031
Function	coupling module for AMP system
Number of channels	1
Rated supply voltage	3 x 100...480 V AC \pm 10 %
DC-Link output current	20 A DC
DC-Link voltage	max. 875 V DC
Rated output current 24 V	16 A DC
System bus	EtherCAT
Drive profile	SERCOSTM profile for servo drives according to IEC 61800 7 204 (SoE)
Protection class	IP 20
Operating temperature	0...+50 °C
Approvals/markings	CE

Accessories	
AMP804x	Distributed servo drive 2.01...4.80 Nm (Standstill torque)
AMP805x	Distributed servo drive 4.80...11.4 Nm (Standstill torque)
AMP8805-1000-0000	Distribution module, 5-channel, 24 V DC power supply
AMP8620-2005-0000	supply module 20 A DC for 400...480 V AC supply voltage, 5-channel, 24 V DC power supply

i Product announcement	estimated market release 4th quarter 2019
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