

AF - 300M\$ II  
ADJUSTABLE  
FREQUENCY  
DRIVE



## AF-300 Micro-\$aver II™ Adjustable Frequency Drive

The AF-300 Micro-\$aver II is the adjustable frequency drive of choice when functionality, compact-size and value are key to your application. Its small footprint is perfectly suited for OEM designs where space is a premium. Utilizing the latest in IGBT technology, the drive reduces motor noise while it improves torque characteristics.

Not to be mistaken with other manufacturer's micro drive products, the AF-300M\$ II has the functionality you would expect in larger standard drives. Torque Vector Control, automatic tuning, auto-restart after momentary power failure, and extensive diagnostics are just a few of the seventy-four standard features available in the AF-300M\$ II. The AF-300M\$ II is available in NEMA 1 or NEMA 4 housings and meets UL, CSA, and CE standards.



AF-300 Micro-\$aver II shown in NEMA 4 housing.

The Micro-\$aver II possesses a large overload capacity with the capability to support shifts in operating torque demand of 150% to 200%. With a starting torque of 200% or more at 3 Hz, the AF-300M\$ II is the right solution for applications where load changes are a factor.

Designed to meet the needs of OEMs and users alike, the AF-300 Micro \$aver II is the drive that powers value, convenience, and durability in your application.

*GE and Fuji Electric have joined forces to bring a new standard of excellence and quality to the packaged drives market.*

*GE Fuji Electric packaged drives products are rugged, full-featured, and easily adaptable to a variety of applications. They're available when you need them and backed by our highest standards of engineering support and service.*

*At GE Fuji Electric, our goal is to produce quality drive products at competitive prices that maximize our customers' efficiency and satisfaction.*





Environmental Conditions:

Table with 2 columns: Parameter (Enclosure, Installation Location, Stored Temperature, Ambient Temperature, Humidity, Vibration, Cooling Method) and Value (NEMA 1, NEMA 4; Suitable for indoor mounting only...; -20° to 65 °C...; -10° to +50° C...; 20% to 95% relative humidity...; 0.6G or less; 1/4 to 1 HP - Convection, 2 HP or greater - Forced air...)

Dimensions:

Table with 2 columns: Parameter (Minimum Overall (DxWxH), Maximum Overall (DxWxH)) and Value (2.8" x 4.1" x 5.9"; 5.9" x 7.9" x 5.9")

Input:

Table with 2 columns: Parameter (Rated Input AC Voltage, Voltage, Frequency, Unbalance) and Value (200 to 240 VAC 50/60 Hz, 1 phase...; -15% to +10%; ±5%; 3% or less)

Output:

Table with 2 columns: Parameter (Rated Output Voltage, Frequency Range, Overload Current Rating, Output for PLC or other control device) and Value (1-phase, 80-240 VAC; 0-400 Hz...; 150% for 1 minute duration...; Power supply 24-27 VDC, 6 mA max.)

\* CE Rating does not apply

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Table with 2 columns: Parameter (Base Frequency, Starting Frequency) and Value (15 to 400 Hz...; 0.2 to 15 Hz...)

Control:

Table with 2 columns: Parameter (Frequency Setting Resolution, Accuracy (Stability), Control System, Starting Torque, Acceleration and Deceleration) and Value (Analog: 0.02 Hz step...; Analog Setting: ±0.2%...; Sinusoidal PWM control...; 200% or more...; 0.01 to 3600s...)

Operation:

Table with 2 columns: Parameter (Standard functions, Protection) and Value (Frequency limiter, Bias frequency...; Stall protection, Surge input...)

Options:

Table with 2 columns: Parameter (Standard) and Value (Extension cable for keypad panel, Braking resistor...)



For more information call us at 1-800-543-6196

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