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PRODUCT: 3G3JX Series AC Drives
TYPE: Product Release

3G3JX Series AC Drives Ideal for Low-HP, General-Purpose OEM Motor Control Applications

With Omron's new 3G3JX Series AC drive, manufacturers have the features, capacity and ease of use to succeed in the low horsepower market. This environmentally friendly product is available in single and three phase 240V and three phase 480V models, up to ten horsepower. The PWM algorithm employed by the 3G3JX utilizes micro-surge voltage suppression that allows it to be used with motors that are not rated for AC drive duty service. Programming the 3G3JX is simple, using the built-in potentiometer and new menu structure.



Key Features and Benefits

- **V/Hz control** ideal for simple, general purpose applications with fans, blowers and pumps.
- **Top and bottom wiring** enables simple contactor replacement
- **Side-by-side mounting** reduces panel space requirements
- **Micro-surge Voltage Suppression** reduces motor burn out, allows use of most general purpose induction motors
- **Automatic Energy Saving Function** significantly reduces energy usage on constant speed fan and pump applications and helps reduce utility bills
- **Over-current and Overvoltage trip suppression** reduces nuisance tripping
- **Restart Function** allows automatic recovery from momentary power loss
- **Built-in PID function** eliminates the need for external controller
- **Built-in RS-485 Modbus** communications
- **Built-in radio noise filter** (400V models) for noise suppression
- Optional CE filter
- RoHS compliant for environmental responsibility in recycling and disposal
- **Wide selection of models:**
 - ¼ to 3 hp, 240 VAC single phase
 - ¼ to 10 hp, 240 VAC 3-phase
 - ½ to 10 hp, 480 VAC 3-phase

Typical Applications

- Conveyors
- Fans
- Pumps
- Mixers

Get More Information

Ask for Omron's AC Drives Brochure (Cat. No. I20I-E-01) or [click here](#) to view it on-line.