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Find the *Kollmorgen / Pacific Scientific 6430-001-N-N* at our website: *Click HERE*

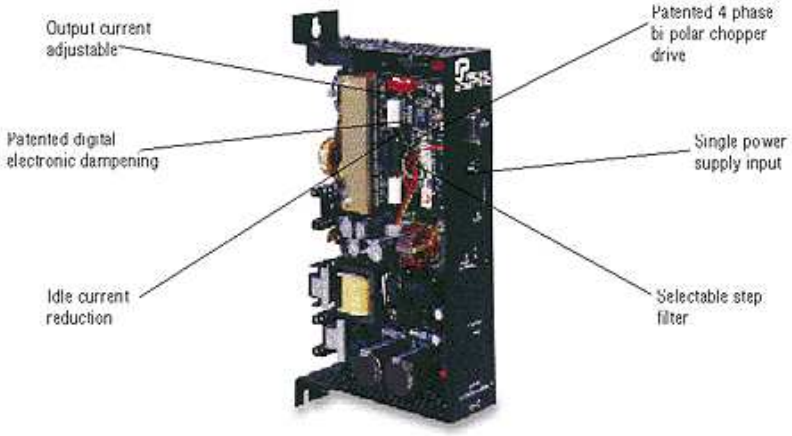
high performance motors and drives

6430 Microstepping Drives



The 6430 adds an integral power supply to the model 6410, with all its features as its core. The power supply accepts ac line power from 110 to 260V ac. Outstanding features of the 6430 include PacSci's patented four-phase bipolar chopper drive, for precise current regulation and minimum ripple current. Patented Digital Electronic Damping reduces instability at medium speed ranges. Idle Current Reduction reduces current to motor windings during idle periods to reduce motor heating and enhance motor efficiency. The 6430 features a single power supply input and adjustable current from 0.625 to 5.0A rms using convenient DIP switches. All the ac powered 6400 drives offer the benefits of an external 66V dc output to power additional drives directly. The 6430's size of 2.25 x 6.25 x 10.0 in. requires only 22.5 square inches of panel space.

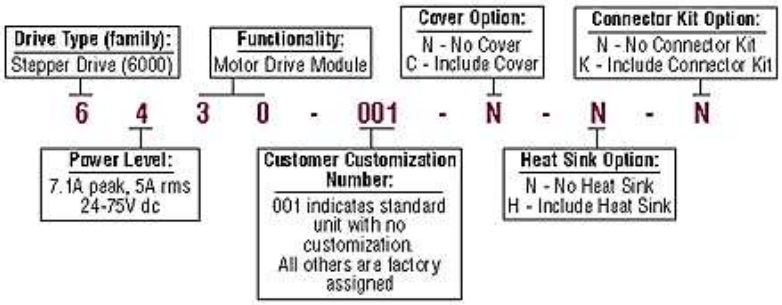
Features	Benefits
Patented bipolar chopper drive - four-phase PWM (pulse width modulation) chopping electronically controls the motor winding currents at 20 kHz	Combines the best of recirculating and nonrecirculating current regulation to provide high back EMF rejection with low ripple current and reduced audible and electrical noise
Digital Electronic Damping	Damps oscillations in mid-range speed bands common with stepper systems to develop full torque at all motor speeds
Idle Current Reduction Feature	Permits an automatic 50% reduction in motor winding current during motor idle conditions to minimize heating during dwell periods
Output Current Adjustment	Maximizes application flexibility - output current adjustable from 0.625 to 5.0 amps rms
External dc power supply	Allows one ac powered unit to power additional dc drives economically



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Sample Model Number Code

This chart identifies the components of a typical model number code for 6430. Contact your Pacific Scientific Distributor or the Customer Center (815-226-3100, Fax 815-226-3148 or E-mail) for additional information and application assistance.



Visit DanaherMotion.com

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