

**EATON**

**Cutler-Hammer**

**SLX9000 Adjustable Frequency Drives**

Product Focus





**A familiar  
look and feel,  
and the right  
amount of capability.**

## **Introducing SLX9000 AF Drive Solutions.**

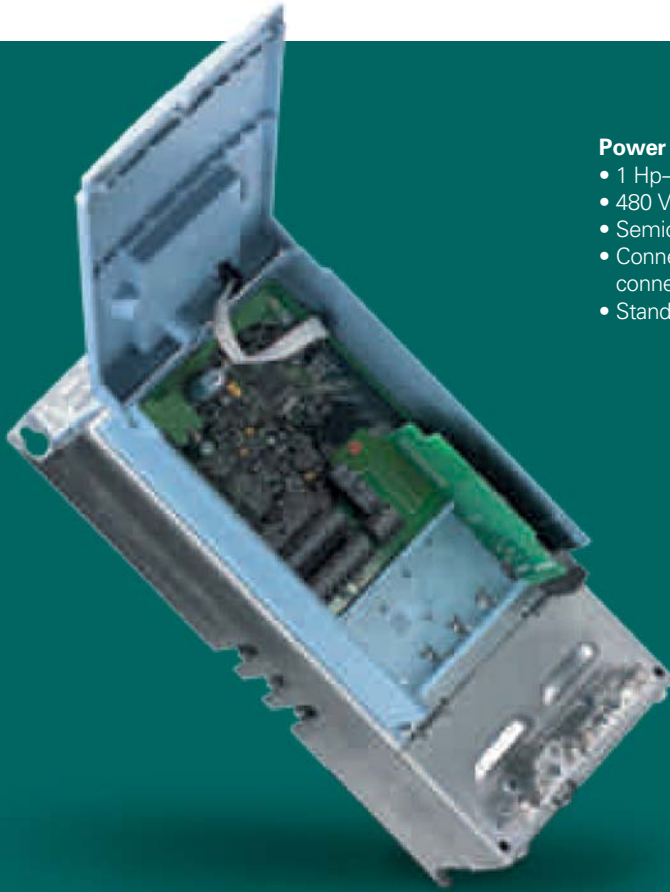
Built upon the successful SVX9000, Cutler-Hammer SLX9000 Series Adjustable Frequency Drives from Eaton's electrical business are the next generation of drives specifically engineered for today's light commercial and industrial applications. Their familiar look and feel ensures ease of use, and the critical features you

expect come standard. The power unit makes use of the most sophisticated semiconductor technology and a modular construction that can be flexibly adapted to the customer's needs. The integrated AC choke is the most effective way to protect the drive against the overvoltage spikes and to reduce the stress on supply transformers,

cables and fuses. Installation, connection and commissioning procedures are extremely quick and convenient with easy-to-use instructions. The SLX9000 drive continues the tradition of robust performance, and gives you the right features and functionality at the right price.



# SLX9000—compact yet so powerful. The “Lite” version of the SVX9000.



#### Power Module:

- 1 Hp–40 Hp
- 480 V, 50/60 Hz, 3 Phase
- Semiconductor technology
- Connections via multi-pole connector
- Standard built-in brake chopper

#### SLX9000 Enclosures:

- Standard NEMA Type 1 (IP21)
- Sealed NEMA Type 12 (IP54) (Metal Cover, Internal Fan, Conduit Plate)

#### Standard I/O:

- 2 AI (0–10V, 4–20mA)
- 1 AO (0–20mA)
- 3 DI (24 VDC)
- 1 RO (NO/NC)
- RS485 Modbus
- I/O expansion 2 slots
- OPT-AA, OPT-AI
- OPT-B I/O expanders
- OPT-C fieldbus boards

#### Power Unit Options:

- Input and output filters
- Brake resistors
- NEMA Type 1 (IP21)
- NEMA Type 12 (IP54)

#### Power Supplies:

- +10 V DC reference
- +24 V DC auxiliary

The standard multi-control application software is flexible and easy to use. All inputs and outputs are programmable, and a full set of features and possibilities is available for system or process control protection.

#### 9000XLoad User-friendly Graphical PC Tools

9000XLoad is an easy-to-use tool for uploading system, application and option card software intended for use by engineering, commissioning and service personnel.

#### 9000XDrive

9000XDrive is a software tool that allows uploading and downloading drive parameters. Parameters can be changed,

saved and uploaded to any number of SLX9000 drives. The tool has the ability to print parameters or save them to a file for future use and reference. Parameters can be compared to default values to determine drive setup. Operator functions include the ability to set references, start and stop the drive, and monitor signals and actual values. These values can be displayed on a graphic interface.

#### Multiple communication protocols allow connectivity to any existing automation system

- ModBus
- ProfiBus DP
- LonWorks
- CanBus
- CANopen
- DeviceNet

#### SLX9000 Keypad Display Unit

- Similar navigation and parameters as in the SVX9000
- Easy to use with a Start-up Wizard
- Clear, sharp display in all lighting conditions (backlit)
- RS232 adapter available for PC tools



**Eaton's electrical business is a global leader in electrical control, power distribution, and industrial automation products and services. Through advanced product development, world-class manufacturing methods, and global engineering services and support, Eaton's electrical business provides customer-driven solutions under brand names such as Cutler-Hammer®, Powerware®, Durant®, Heinemann®, Holec® and MEM®, which globally serve the changing needs of the industrial, utility, light commercial, residential, and OEM markets. For more information, visit [www.EatonElectrical.com](http://www.EatonElectrical.com).**

**Eaton Corporation is a diversified industrial manufacturer with 2005 sales of \$11.1 billion. Eaton is a global leader in electrical systems and components for power quality, distribution and control; fluid power systems and services for industrial, mobile and aircraft equipment; intelligent truck drivetrain systems for safety and fuel economy; and automotive engine air management systems, powertrain solutions and specialty controls for performance, fuel economy and safety. Eaton has 60,000 employees and sells products to customers in more than 125 countries. For more information, visit [www.eaton.com](http://www.eaton.com).**

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