The Eaton SVX9000 adjustable frequency drive is the compact, modular solution to variable speed applications. A complete selection of option cards allows you to configure the drive to meet virtually any requirement. With its wide voltage range, high overload ability and user-friendly alphanumeric keypad, SVX9000 drives are the smart choice for every user.
Multiple communication protocols allow connectivity to any existing automation system

- Modbus® TCP
- EtherNet/IP
- Modbus
- PROFINET® DP
- LonWorks®
- CAN
- DeviceNet™

Seven built-in applications

Use for material handling, extruders, mixers, pumps, fans, cranes and more.

- Basic
- Standard
- Local/remote control
- Multi-step speed control
- PID control
- Multi-purpose control
- Pump and fan control with auto-changeover

Power module

- 3/4 hp to 2000 hp
- 208/230V, 480V, 575/690V
- Semiconductor technology
- Connections via multi-pole connector
- Remote mount with a fiber optic cable
- 208/230/480 Vac frame sizes 4–6 equipped with a built-in brake chopper

Power unit options

- Input and output filters
- Brake resistors
- NEMA® Type 1 (IP21)
- NEMA Type 12 (IP54)
- Open chassis frame 10 and larger

Power supplies

- +10 Vdc reference
- +24 Vdc auxiliary
- Encoder (+15 Vdc/+24 Vdc)
- SVX9000 enclosures
- Standard NEMA Type 1 (IP21)
- Sealed NEMA Type 12 (IP54) (metal cover, internal fan, conduit plate)

PC Tools

Drag and drop configuration.
Store and access whenever needed.

9000XLoad

9000XLoad is an easy-to-use tool for uploading system, application and option card software intended for use by engineering, commissioning and service personnel. 9000XLoad is also suitable for loading custom applications to the SVX9000 drive.

9000XDrive

9000XDrive is a software tool that allows uploading and downloading drive parameters. Parameters can be changed, saved and uploaded to any number of SVX9000 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 via a graphic display.
The SVX9000 keypad and display unit

The SVX9000 keypad offers the user a full view into the drive. The keypad provides the ability to view and change parameters, as well as monitor actual running values. Built-in upload and download capability makes programming several SVX9000 drives a snap, cutting installation time. The three-line alphanumeric programmable display with status indicators uses English words for parameters, status and diagnostic messages without the use of codes and lookup tables. The display has large, clear characters easily visible in any light condition.

### SVX9000 Series at a glance
- Wide range of horsepower and voltage selection
- Startup wizard
- Modular design concept
- External +24 Vdc can be used to power the controller
- Built-in 3% line reactor
- Open and enclosed drives (CT/IH rated to 50°C)
- 30-fault history with status at time of fault
- Easy operation

### SPX9000 Series at a glance
- High performance for demanding applications
- Increased microprocessing power (CPU clock speed now 42% faster)
- Encoder feedback
- High-resolution analog inputs
- Speed and torque loop capability
- Customizable software
- Same ease of operation

<table>
<thead>
<tr>
<th>Horsepower</th>
<th>Voltage Range</th>
<th>Enclosure Style</th>
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<tbody>
<tr>
<td>3/4 to 100</td>
<td>208, 230</td>
<td>Type 1, Type 12</td>
</tr>
<tr>
<td>1 to 200</td>
<td>380, 480</td>
<td>Type 1, Type 12</td>
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<tr>
<td>250 to 1900</td>
<td>480</td>
<td>Open chassis</td>
</tr>
<tr>
<td>2 to 150</td>
<td>575, 690</td>
<td>Type 1, Type 12</td>
</tr>
<tr>
<td>200 to 2000</td>
<td>575, 690</td>
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