



Description

- Basic to advanced VFD training.
- Students learn to work safely with VFDs early in their training.
- Installation considerations, basic theory, schematic reading and wiring, programming, programming from a PC, troubleshooting, maintenance and capacitor reforming, all covered in the workbook.

For additional info click: betecnicca.ca

Main features

Desktop or bench supported trainer with a high degree of safety. Portable 120 Volt cord connected input and three phase output. This VFD trainer can be used in a classroom or shop setting.

Specifications

- 120VAC 60Hz input, 230 VAC 3-phase output, 0-400Hz (limited to 72Hz output).
- Low voltage protection relay, panel door interlock gate switch, emergency stop button and illuminated power on push button.
- Schneider Electric Altivar variable frequency drive
- V/Hz standard mode, constant torque sensor-less vector mode and pump and fan mode capable.
- 24 VDC control voltage supply, 0-5 VDC analog supply
- 0-10 VDC, 0-20ma, 4-20ma analog levels accepted from external devices.
- N.C., N.O. push buttons, 2 position selector switch, 4 position binary coded switch, 10K 2Watt potentiometer and 24VDC power on indication.
- Braking resistor control module and braking resistor supplied in ventilated enclosure.
- Custom flywheel for catch a spinning load and braking.
- Interactive connection terminal strip allowing student to configure numerous drive configurations.
- PC interconnection port for drive setup software.