

# Series 100 Motor Controllers

Educational Training Equipment for the 21st Century

Bulletin 254E

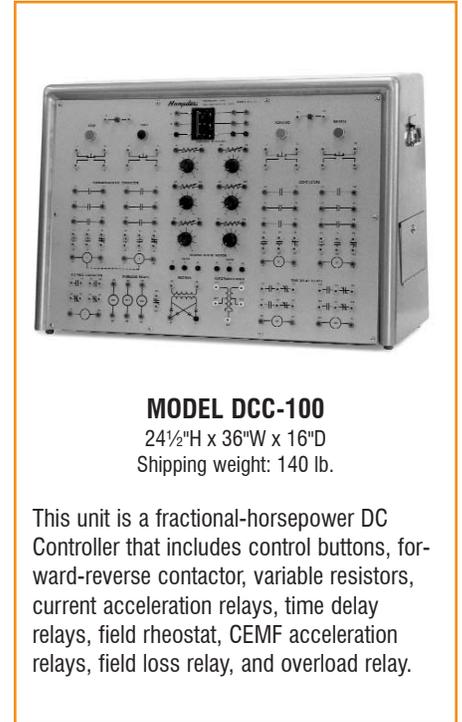
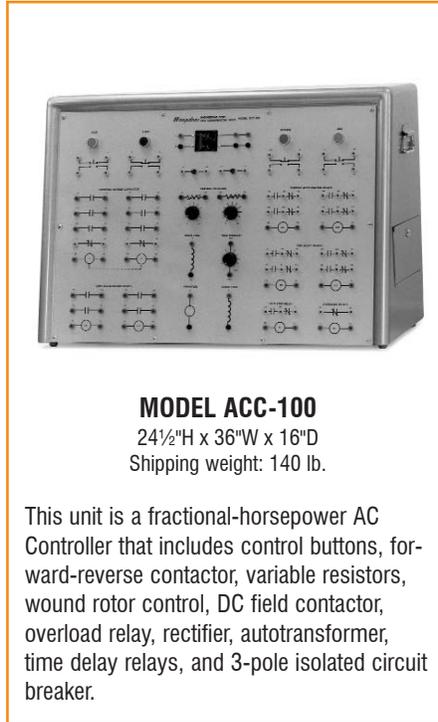
## Series 100 Motor Controllers

### Purpose

Hampden Motor Controllers, **Model ACC-100** and **Model DCC-100**, give students the opportunity to investigate various methods of control of both AC and DC motors. Used in conjunction with Hampden **Series 100** Fractional-HP motors, these controllers provide practical experience from simple across-the-line starting through more complex forms of multi-purpose motor control. Symbols and legends on controller face simplify both wiring and instructor surveillance.

Controllers are 24½"H x 36"W x 16"D at base. They are provided with carrying handles for bench-top or mobile cart use. For cart, specify **Model HMC-3**.

Individual Facilon covers also available. A complete set of patch cords is supplied with each unit.



The fault-creating feature of these controllers is particularly useful in developing troubleshooting techniques as well as reinforcing the regular study of motor control theory. Twelve program switches are located behind a locked panel on the side of the controller. With these, the instructor may inject any combination of up to 12 faults into the controllers wiring. The faults are designed to be typical of ones normally encountered in electromechanical systems.

Instructor uses program switches to inject such faults as Open Field Coil, Open Resistor, Shorted Stop Pushbutton, etc., in any combination.

All Hampden units are available for operation at any voltage or frequency

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