

Hampden EM-ACC-100K-MCS Modular Component System

Purpose

The Hampden **MODEL EM-ACC-100K-MCS** Modular Component System provides students with the opportunity of observing the operation of electromagnetic contactors and relays. Each Lexan module contains one control component. The student interconnects these modules into systems to control the operation of Hampden Series 100 Fractional Horsepower Motors. Each system furnished complete with cords and bench rack. Also available: wall storage rack and mobile cart with storage facilities for modules.



MODEL EM-ACC-100K-MCS shown with optional second **MODEL ACC-100-K-101** Rack

Modules Included

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| <ul style="list-style-type: none"> 1- ACC-100-K-101 Rack 2- ACC-100-K-110 pushbutton, with N.O. & NC. contacts – red 2- ACC-100-K-111 pushbutton, with N.O. & N.C. contacts – black 2- ACC-100-K-112 toggle switch, 3-way 1- ACC-100-K-113 toggle switch, 4-way 2- ACC-100-K-114 contactor, 4 N.O. & 4 N.C. contacts, 120VAC coil (1 left, 1 right) 1- ACC-100-K-115 time delay relay, electrically timed “delay-on” 0.5 to 10 seconds w/2 N.O. & 2 N.C. contacts, 120VAC coil | <ul style="list-style-type: none"> 1- ACC-100-K-117 overload relay with heaters 1- ACC-100-K-118 circuit breaker, 3-pole, 5A magnetic 1- ACC-100-K-119 sequence timer with 2 cams, each with N.O. & N.C. contacts, 120VAC coil 1- ACC-100-K-120 drum switch, 1Ø, 3Ø, and DC 1- PS-100 plug switch 1- PB-100A prony brake 1- ACC-100-K-121 resistor, 10Ω, 50W (3 required) 1- ACC-100-K-122 resistor, 100Ω, 50W (3 required) 1- ACC-100-K-123 resistor, 1000Ω, 12W (3 required) 1- ACC-100-K-124 capacitor with discharge resistor 1- ACC-100-K-125 capacitor diode module | <ul style="list-style-type: none"> 1- ACC-100-K-126 pilot light – red 1- ACC-100-K-127 pilot light – green 1- ACC-100-K-128 extension module, 8 ft. long, with 8 conductor connection sockets (2) 2- ACC-100-K-129 control transformer 120/208V 40VA 1- ACC-100-K-130 self contained continuity tester 1- ACC-100-K-131 control relay 1- VIL-100 variable inertia load 1- C-1K cord set (40) with rack 1- Bulletins 254-7EX & TM, AC & DC motor control laboratory experiments |
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Hampden H-EMTC-1 Electric Motor Technology Center

Purpose

The Hampden **MODEL H-EMTC-1** Electric Motor Technology Center has been designed to give the student basic hands-on experience in selecting and controlling AC single-phase motors.

Description

This system consists of one Hampden **GNR-H2200** Mobile Storage Cabinet, one **MGB-100-DG** Motor Base with coupler guard, one **PB-100AX** Prony Brake with torque scale and load control, one **SPM-100X** Split-Phase Motor, one

CSM-100X Capacitor Start Motor, one **ACUM-100X** Universal Motor, one **SHPM-100X** Shaded Pole Motor, and one hermetic compressor. The control panel consist of one AC voltmeter, one AC ammeter, one AC wattmeter, one solid state speed controller, motor starter switch, one 1-pole circuit breaker with pilot light, one magnetic contactor, and one short cycle protector.

This unit comes complete with operating instructions.



MODEL H-EMTC-1

Dimensions: 40"W x 66"H x 26"D
Shipping Weight: 570 lbs.

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

Hampden
ENGINEERING CORPORATION