

## ICT-200

The Industrial Control Trainer

EN



## EN ICT-200 Industrial Control Trainer

The Industrial Control Trainer provides students with a flexible system allowing for hands-on experiments in wiring and troubleshooting of control circuits. The system gives access to devices allowing students to connect all circuit components directly or via terminal blocks.

### TOPICS COVERED

- Motor Control Devices
- Pilot devices
- Pushbuttons (Wiring, emergency)
- Selector switches
- Automatic Control Devices
- Control Relays
- Timer relays
- Sensors
- Contactors-Motor Controls
- Troubleshooting circuits

# ICT-200:

### DIFFERENT CONTROLLER OPTIONS

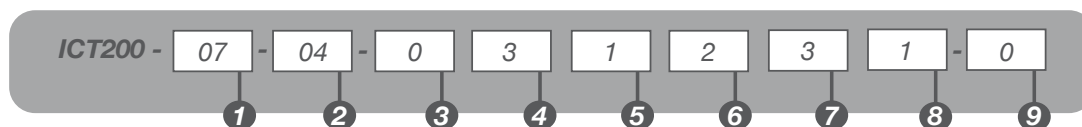


### DIFFERENT HMI



\* The content of this document may change without prior notification

### HOW TO ORDER



Select at least one

#### 1 Controller options

- 01 AB Micro800
- 02 AB MicroLogix 1100
- 03 AB CompactLogix<sup>1</sup>
- 04 Siemens S7-1200
- 05 Siemens S7-1500
- 06 Siemens S7-300<sup>1</sup>
- 07 Omron CP1
- 08 Mitsubishi FX-3
- 09 Automation Direct Do-More
- 00 No PLC

<sup>1</sup> Software not included

Select one

#### 2 HMI Options

- 01 AB 7" Micro PanelView
- 02 AB PanelView Plus 7" <sup>1</sup>
- 03 Siemens KTP-700 7"
- 04 Omron NB 7"
- 05 Mitsubishi GS 7"
- 06 Automation Direct C-More
- 00 No HMI<sup>2</sup>

<sup>1</sup> Software not included

<sup>2</sup> If a PLC is purchased it is recommended to purchase an HMI

Select all required

#### 3 Software options

- A PLC Software for AB Option (To be included for controller option 03)
- B PLC Software for Siemens Option (To be included for controller option 06)
- C HMI Software for AB Option (To be included for HMI option 02)
- 0 No software

Select one

#### 4 Supply Voltage

- 1 120 Vac Single Phase<sup>3</sup>
- 2 208 Vac 3-Phase<sup>4</sup>
- 3 230 Vac Single Phase<sup>3</sup>
- 4 400 Vac Three Phase<sup>4</sup>

<sup>3</sup> Will require single phase motor if motor option is selected

<sup>4</sup> Can utilize Single or 3-Phase Motor Option if motor is selected

# INDUSTRIAL CONTROL TRAINER



Select one

## 5 Fault Insertion

- 1 Fault Insertion (Requires pre-wire to terminal blocks or banana jack connections)
- 2 Faulted Parts
- 0 No faults

Select one

## 7 Connection options

- 1 User Connections to Terminal Blocks
- 2 Devices Pre-Wired to Terminal Blocks
- 3 Banana Jack Connections

Select one

## 6 Form factor

- 1 Table Top
- 2 Suitcase
- 3 Mobile Cart with Motor Mount and Wire Rack

Select one

## 8 Double side option

- 1 Single side <sup>5</sup>
  - 2 Double side <sup>5</sup>
- <sup>5</sup> Only include Mobile Cart Once per system

Select all required

## 9 Add-Ons

- A Basic Sensors Package
- B Advanced Sensor Package
- C 1-Phase Motor
- D 3-Phase Motor <sup>6</sup>
- E AC Variable Speed Drive with 3-Phase Motor <sup>7</sup>
- F DC Variable Speed Drive with DC Motor <sup>7</sup>
- G Stack/Signal Light
- H NEMA Enclosure <sup>8</sup>
- 0 None

<sup>6</sup> Requires 3-Phase input

<sup>7</sup> Single or 3-Phase input

<sup>8</sup> All components mounted in industrial enclosure

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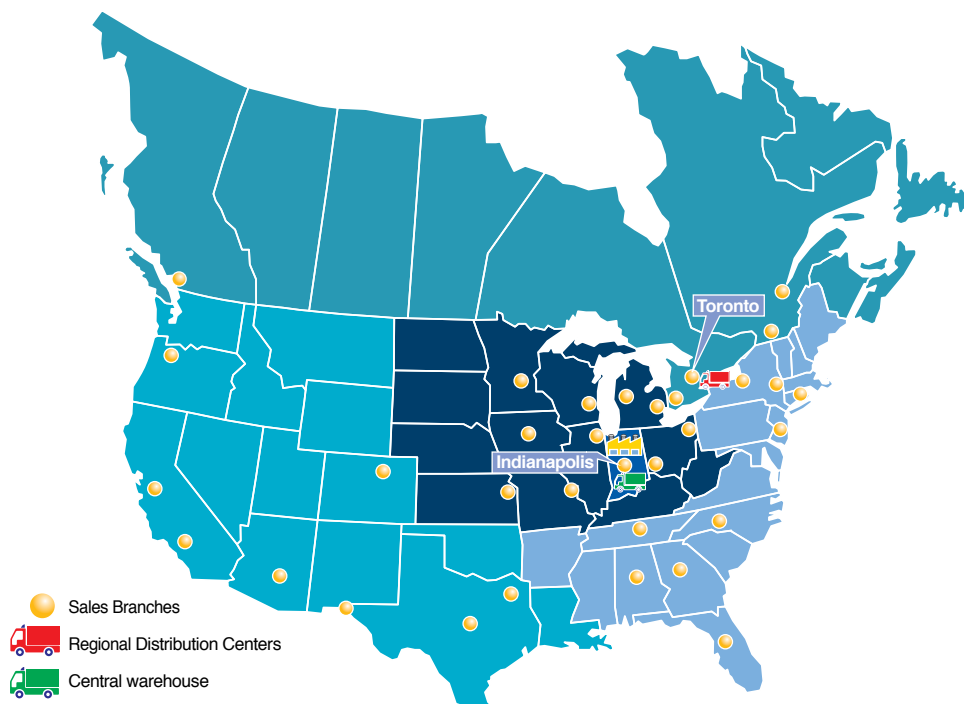
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