

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

* The content of this document may change without prior notification



DIFFERENT HMI



DIFFERENT CONTROLLER OPTIONS



ICT-200

The Industrial Control Trainer

EN

NF486B

HOW TO ORDER

ICT200 -

07	04	0	3	1	2	3	1	0
1	2	3	4	5	6	7	8	9

Select at least one

1 Controller options

- 01 AB Micro800
- 02 AB MicroLogix 1100
- 03 AB CompactLogix¹
- 04 Siemens S7-1200
- 05 Siemens S7-1500
- 06 Siemens S7-300¹
- 07 Omron CP1
- 08 Mitsubishi FX-3
- 09 Automation Direct Do-More
- 00 No PLC

¹ Software not included

Select one

2 HMI Options

- 01 AB 7" Micro PanelView
- 02 AB PanelView Plus 7"¹
- 03 Siemens KTP-700 7"
- 04 Omron NB 7"
- 05 Mitsubishi GS 7"
- 06 Automation Direct C-More
- 00 No HMI²

¹ Software not included

² 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 Phase³
- 2 208 Vac 3-Phase⁴
- 3 230 Vac Single Phase³
- 4 400 Vac Three Phase⁴

³ Will require single phase motor if motor option is selected

⁴ Can utilize Single or 3-Phase Motor Option if motor is selected

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 all required

9 Add-Ons

- A Basic Sensors Package
- B Advanced Sensor Package
- C 1-Phase Motor
- D 3-Phase Motor⁶
- E AC Variable Speed Drive with 3-Phase Motor⁷
- F DC Variable Speed Drive with DC Motor⁷
- G Stack/Signal Light
- H NEMA Enclosure⁸
- 0 None

⁶ Requires 3-Phase input

⁷ Single or 3-Phase input

⁸ All components mounted in industrial enclosure

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
- 2 Double side⁵

⁵ Only include Mobile Cart Once per system

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