



PCT-200

The Programmable Controller Trainer

EN

EN PCT-200 Programmable Controller Trainer

This system is designed to provide a solution for hands-on activities in the areas of automation technologies, including programmable controllers, digital I/O, analog I/O and human machine interface. This unit is provided in a hard-shell suitcase with integrated casters and handle. There is also a table top option. The unit includes 2 external connection blocks that allow any external I/O devices to be connected directly to the controller.

TOPICS COVERED

- Introduction to PLCs
- Controller Communications
- PLC Project Development
- Monitoring Input/Output Data
- PLC Addressing
- Relay Type ,latching ,timer,counter Instructions
- Math , Data Manipulation Instructions
- Program Control Instructions
- Analog Devices
- Introduction Human Machine Interface
- HMI Communications
- HMI Project Development
- Screen Creation and Navigation
- Text, Button and Switch Objects
- Numeric Displays and Entry

* The content of this document may change without prior notification

PCT-200: THE PROGRAMMABLE CONTROLLER TRAINER

DIFFERENT CONTROLLER OPTIONS



DIFFERENT HMI



DIFFERENT PLC APPLICATIONS



HOW TO ORDER

■ PCT-200 system

PCT^a 2^a 2¹⁰^a - I² A³ - 03⁴ 01⁵

1 Form factor

- 1 Table Top Frame
- 2 Hard Shell Suitcase with Removable Lid, Casters and Pull handle

2 Socket

- I
- J
- K
- L
- M
- N

3 Documentation language

- A Spanish
- B English
- C French

4 PLC*

- 00 without PLC
- 01 Siemens S7-1200
- 02 Siemens S7-1500
- 03 Allen Bradley Micro 800
- 04 Allen Bradley CompactLogix¹
- 05 Omron - CP1L
- 07 Mitsubishi - FX3
- 09 Schneider M200

5 HMI*

- 00 without HMI
- 01 A.B. 7" Micro PanelView
- 02 AB PanelView Plus 7"¹
- 03 Siemens KTP-700 7" HMI
- 04 Omron NB 7" HMI
- 05 Mitsubishi GS 7" HMI
- 06 Schneider HMIST6400 7"

¹ Software not included:
PRTS04 - Software PLC for Allen Bradley CompactLogix
PRTS0002 - Software HMI for Allen Bradley PanelView

* The brand of PLC and HMI must be the same. If the system is purchased with PLC, it is recommended to purchase an HMI.

■ PCT-200 applications

PCT^a 22^a A¹ - 0² A³

1 Applications

- A Traffic Signal Application
- B Sorting Conveyor Application
- C Electro-Mechanical Ball Screw Application
- D PID Pressure Application
- E PID Temperature Application

3 Documentation language

- A Spanish
- B English
- C French

2 Socket

... for A and D applications

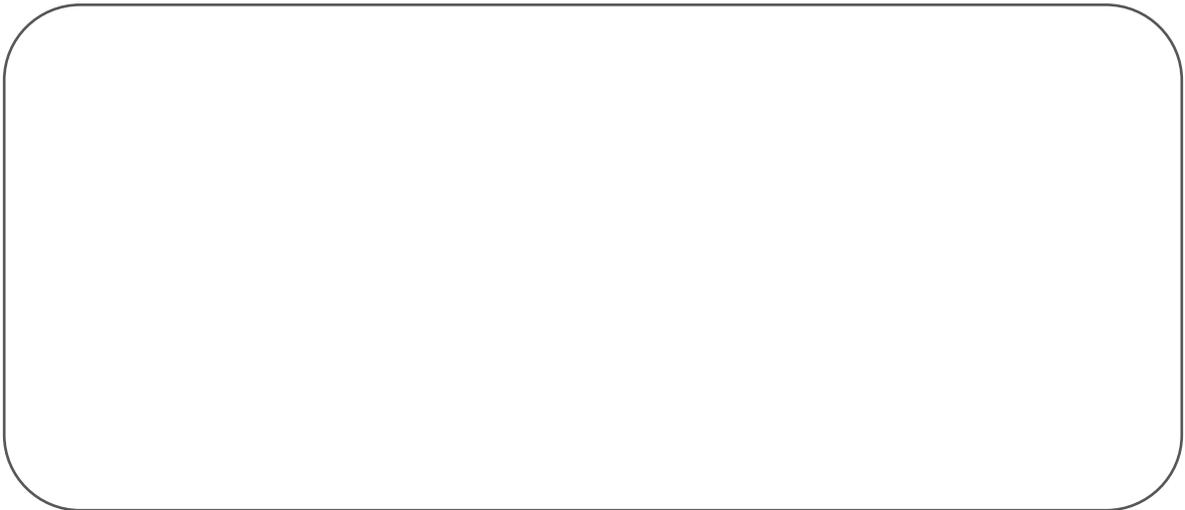
0 N/A

... for B and C applications

- I
- J
- K
- L
- M
- N

... for E application

- A 220-240 V
- B 110-120 V
- C 220-240 V
- D 220-240 V
- E 220-240 V
- F 110-120 V
- G 220-240 V
- H 220-240 V



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IT-PCT-200-V6-1