

PCT-200 PROGRAMMABLE CONTROLLER TRAINER

The 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

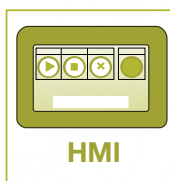
- Introduction to PLCs
- Controller Communications
- PLC Project Development
- Monitoring Input/Output Data
- PLC Addressing
- Relay Type ,latching ,timer,counter Instructions
- Math , Data Manipulation Instructions
- Program Control Instructions
- Analog Devices
- Introduction Human Machine Interface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



DIFFERENT CONTROLLER OPTIONS



DIFFERENT HMI



DIFFERENT PLC APPLICATIONS



PCT-200

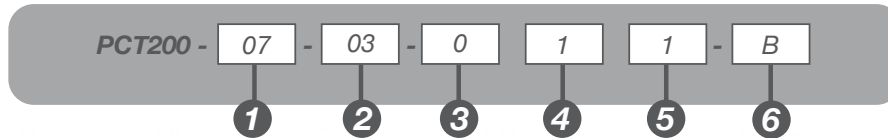
The Programmable Controller Trainer

EN

NF489B

PCT-200 PROGRAMMABLE CONTROLLER TRAINER

HOW TO ORDER



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 HMI

¹ Software not included

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 Fault Insertion

- 1 Fault Insertion
(included in the base system)

Select one

5 Form factor

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

Select all that apply

6 PLC Application

- A Traffic Signal Application
- B Sorting Conveyor Application
- C Electro-Mechanical Ball Screw Application
- D PID Pressure Application²
- E PID Temperature Application
- 0 None PLC application

² Requires Compressed Air Source

www.smctraining.com



SMC Corporation of America
10100 SMC Blvd., Noblesville, IN 4060
www.smcusa.com

International inquiries: www.smcworld.com

(800) SMC.SMC1 (762-7621)
email: sales@smcusa.com

SMC Automation (Canada) Ltd.
www.smcautomation.ca

© 2023 SMC Corporation of America, All Rights Reserved.

All reasonable efforts to ensure the accuracy of the information detailed in this catalog were made at the time of publishing. However, SMC can in no way warrant the information herein contained as specifications are subject to change without notice.

BR PP 1M