



Omega Type OE-2401A/B/C In today's environment of automation, the importance of PLC has rapidly increased. With growing demand for training in this area, OMEGA has introduced several packages for PLC training. The standard package consists of PLC module, experiment PCB, power supply, programming and operating software and PC/PPI cable. Three configurations (A, B and C) are offered. Optional accessories include digital and analog expansion modules.

OBJECT

- 01 Study of Ladder Programming in PLC
- 02 Study of normally open (NO) and normally close (NC) bit instruction.
- 03 Study of Set bit and Reset bit by PLC.
- 04 Study of TON (On Delay Timer).
- 05 Study of TOF (OFF Delay Timer).
- 06 Study of TONR (ON Delay Timer Retentive).
- 07 Study of CTU (Up Counter).
- 08 Study of CTD (Count down Counter).
- 09 Study of Compare (Equal to integer) instruction.

FEATURES

- 01 Branded Micro PLC in easy to use form
- 02 Based on standard PLCs from Siemens
- 03 Use of IEC-1131-3 standard languages Ladder, STL & FBD for easy understanding
- 04 High execution speed
- 05 Exhaustive course material & References
- 06 Hardware and software included
- 07 PC Based computer programming facility
- 08 Easy downloading of programs
- 09 Extremely easy and student friendly software to develop different programs
- 10 Expandable input output
- 11 Built- in DC power supplies
- 12 Compact size

TECHNICAL SPECIFICATION

OMEGA 2401 PLC Type	Version		
	OMEGA 2401A	OMEGA 2401B	OMEGA 2401C
	CPU-222	CPU-224	CPU-226
AC/DC/Relay	AC/DC/Relay	AC/DC/Relay	AC/DC/Relay
Digital Input	8	14	24
Digital Output	6	10	16
Analog adjustment (8-bit resolution)	1	2	2
Program Size	2048 bytes	8192 bytes	10240 bytes
General Purpose Simulation PCB			
Toggle Switches	8	16	24
LED Display	6	12	16
Weight (Approx)	1.3Kg	2.2Kg	2.5Kg
Dimension (mm)	W340 x H125 x D210	W415x H165 x D315	W415x H165 x D315

- Internal Memory (bits) : 256
- Boolean Execution speed : 0.22µs/ instruction
- PC/PPI Cable Rate : 9.6,19.2 & 187.5 Kbaud
- No. of ports : 1
- Interface : RS485
- Input Voltage : 24 VDC
- Output Voltage : 5 VDC
- Power Consumption : 5 VA (approximately)
- Learning Material : CD (Theory, procedure, reference results, etc), Online (optional)
- Power Supply : 230V AC, 50/60Hz
- Operating Conditions : 0-40 C, 85% RH

LIST OF ACCESSORIES:

- 01 PC/PPI cable.....01 Nos.
- 02 Mains cord01 Nos.
- 03 Patch cord 2mm length 50cm.....05 Nos
- 04 20 Pin FRC cable01 Nos.

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