

OMEGA TYPE OE-2403 Industrial PLC is an ideal tool to study the working of PLC's used for industrial applications. OE-2403 has been designed to demonstrate the application of PLC in the area of:-

- 01 Wiring of PLC with different inputs and outputs.
- 02 Switches like Latch, NO/NC toggle, NO/NC IR can be connected as an input to the PLC.
- 03 PLC can drive annunciator which has valves, motor, pump, visual indicator and audio indicators according to the input of PLC.

FEATURES

- 01 Micro PLC from Fatek
- 02 On board NO/NC switches
- 03 On board IR switches
- 04 Sample of Annunciator given on board
- 05 Most user friendly, most powerful instruction sets
- 06 PC Based Programming
- 07 Soft copy of PLC introduction and Tutorials
- 08 Choice of PLC and expansion module
- 09 Built-in power supplies
- 10 Ready experiments
- 11 Ready to use Application boards

OBJECTS:

- 01 Study and use of ladder programming by PLC
- 02 Study and use of NO(normally open) and NC(normally close) bit
- 03 Study and use of S (Set) and R (Reset) bit
- 04 Study and use of Timer instruction
- 05 Study and use of Cumulative timer instruction
- 06 Study and use of Counter instruction
- 07 Study and use of Compare instruction



TECHNICAL SPECIFICATION:

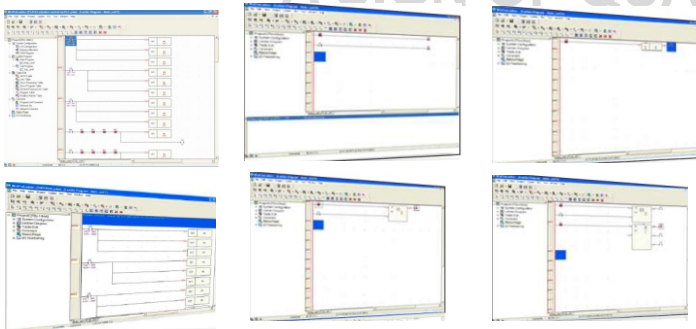
OE - 2403	VERSION	
	A	B
Fatek CPU Type	FBs-14MA	FBs-20Ma
Digital Input 8	8	12
Digital Output	6	8
Program Size (word)	2048	4096
Expansion module	Not expandable	Expandable
General Purpose Simulation PCB		
Toggle Switches	3	3
Latch Switches	3	3
IR switches	2	2
LED Display	7	7

Boolean Execution speed

- 01 Sec. per instruction : 0.33 μ s/ Sequential instruction in average
- 02 Interfacing : RS232,
- 03 No. of ports : 1
- 04 Input voltage : 24 V DC
- 05 Output voltage : 5 V DC,
- 06 Learning Material : CD (Theory, procedure, reference results, etc)
- 07 Power Supply : 230VAC, 50/60Hz
- 08 Operating Condition: 0-40 C, 85% RH
- 09 Dimensions (mm) : W 315 x D 125 x H 210
- 10 Weight : 1.5Kg (Approximately)

LIST OF ACCESSORIES:

- 01 Interfacing cable..... 01
- 02 Patch Cord 2mm length 50cm..... 20
- 03 34 Pin FRC Cable 01



We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice

OMEGA ELECTRONICS