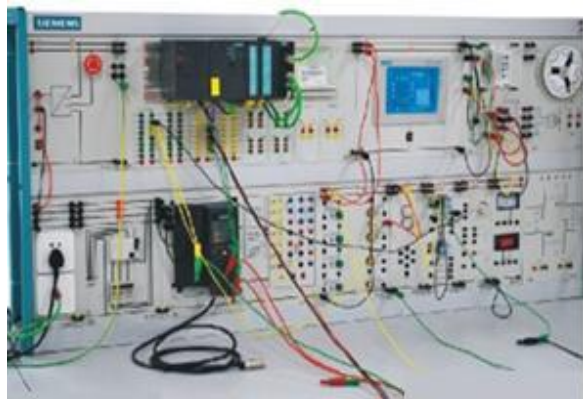


PLC TRAINING SYSTEM

Model Number : GOTT-PLCMODULE-07



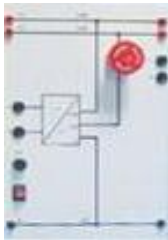
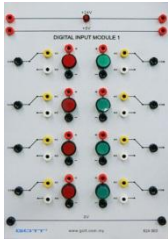


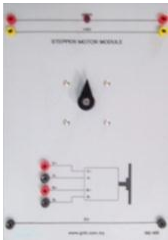







DESCRIPTION

This PLC equipment is great for PLC programming training as we designed the PLC Trainers using actual PLC and provide ladder logic examples. Some of the PLC programming examples are the actual PLC ladder logic examples we use in current manufacturing training.

The objective of this training is to have:

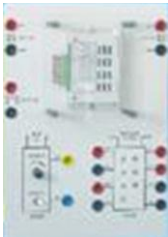
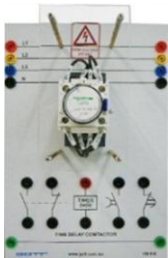





- A better understanding of how PLC can automate production equipment
- Hands-on experience of PLC
- Digital / analog input and output know-how
- Knowledge on Networking
- Knowledge on Positioning Control

PRODUCT MODULES

TWO-CIRCUIT DC POWER SUPPLY	CODE 382-401	DIGITAL INPUT MODULE 1	CODE 382-402	ANALOG OUTPUT MODULE	CODE 382-405	SINGLE-PHASE SOCKET MODULE	CODE 382-411
Output: 24VDC Input: AC 240V, 50Hz 1-Phase		Rated voltage: 240VAC Rated current: 5A		Analog meter range: 30VDC Digital meter range: 20VDC		Rated voltage: 240VAC Rated current: 10A	
							
STEPPER MOTOR MODULE	CODE 382-408	DIGITAL INPUT MODULE 2	CODE 382-403	DIGITAL MODULE 2	CODE 382-414	ANALOG INPUT MODULE	CODE 382-404
Two-phase mixed stepper motor Step angle: 1.8° Rated current: 3A Max. torque: 1.20Nm		Toggle switch X 8 units Rated voltage: 240VAC Rated current: 5A		High density LED X 8 Voltage drop: 1.5V-2V Working current: 10 - 20mA		Analog voltage input: 0...10VDC Resistor: 10kΩ Analog current input: 0...20mA	
							
TRAFFIC LIGHT MODULE	CODE 382-415	GENERAL RELAY MODULE	CODE 382-406	DIGITAL OUTPUT MODULE 1	CODE 382-413	THREE-PHASE FCCB	CODE 382-416
12 LEDs compose a crossroad traffic Signal, each set simulating 3 traffic lights (Red, Yellow & Green) 8 terminals below separately control the east-west and south- north traffic light terminals, "COM1" is the common Port.		Relay type: OMRON MY2NJ Contact: NO& NC Coil voltage: 24VDC Rated voltage: 240VAC Rated current: 3A		21 red LEDs compose a 7-segment display (A,B,C,D,E,F,G) Every 3 LED compose one segment Able to display hexadecimal number "0-F"		Protection Fuse Leakage Current: 30MA Rated voltage: 415VAC, 50Hz Input: AC 415V, 50Hz 3-Phase	
							

PLC TRAINING SYSTEM

Model Number : GOTT-PLCMODULE-07

<p>STEPPER MOTOR DRIVER MODULE CODE 382-407 Output: 12VDC – 40VDC Input signal: Stepper pulse Direction level signal</p> 	<p>AC CONTACTOR MODULE CODE 382-412 Coil voltage: 240VAC Rated voltage: 415VAC Rated current: 22A</p> 	<p>THREE-PHASE MOTOR CODE 382-409 Rated voltage: 415VAC Rated current: 0.8A Power: 200W Rated speed: 1400rpm</p> 	<p>PERMANENT MAGNET DC MOTOR CODE 382-410 Rated voltage: 240VDC Rated current: 0.8A Power: 120W Rated speed: 1500rpm</p> 
<p>TACHO GENERATOR CODE 159-017 Speed: 2000rpm Output: Max. 20VDC</p> 	<p>SAFETY CONNECTING LEAD CODE 237-001 4mm connecting leads</p> 	<p>VERTICAL FRAME CODE 297-000 High Level: Din Standard A4 with two shelves Material: Aluminum Side Frame: T shape Size: 3-Layer 1450mm Length</p> 	<p>EXPERIMENT MANUAL CODE 382-423</p> 

EXPERIMENT TOPICS :

- Basic ladder instruction practice
- Organization block program and data block program practice
- System function and system function block program practice
- Traffic lights PLC auto control experiment
- LED display PLC auto control experiment
- Three-phase asynchronous motor starting and self-locked PLC control
- Three-phase asynchronous motor forward / reverse rotation PLC control
- Three-phase asynchronous motor star / delta starting PLC control
- Analog input and output control
- Neon lights PLC control
- Drag-on carriage PLC control
- Mechanical arm PLC control
- Mixed liquor PLC control
- Conveyor belt PLC control
- Stepper motor PLC motor
- Pneumatic system PLC control
- Frequency converter PLC control
- TD200-controlled three-phase asynchronous motor forward / reverse rotation PLC control
- TD-200-controlled frequency converter PLC control
- Touch screen targeted PLC control
- Closed loop frequency regulation of motor-electric generator set with PG PLC control

* Extensive experiment is also available to the demand of schools and users

Manuals :

- (1) All manuals are written in English
- (2) Model Answer
- (3) Teaching Manuals

General Terms :

- (1) Accessories will be provided where applicable.
- (2) Manuals & Training will be provided where applicable.
- (3) Designs & Specifications are subject to change without notice.
- (4) We reserve the right to discontinue the manufacturing of any product.

Warranty :

2 Years

ORDERING INFORMATION :

ITEM	MODEL NUMBER	CODE
PLC TRAINING SYSTEM	GOTT-PLCM-382	382-400

* Proposed design only, subject to changes without any notice.