

CPS-3100B

Electrical Sequence Control Trainer



FEATURES

- Hands-on electrical sequence practices using various electrical components with electric contact
- Simulates real life components and power source that is being used in the field
- Designed to support connecting a PLC Trainer for diverse levels of applied experiments
- Ensures safety using insulated connection cables and insulated connection terminals

EXPERIMENTAL CONTENTS

- Basic circuit
- Logic circuit
- Self-holding circuit
- Timer circuit
- Priority circuit
- Detection circuit
- Lamp and alarm circuit
- Motor operational circuit
- Reactor-driving circuit
- Jog circuit
- Forward & reverse circuit
- Delay operation circuit
- Time activation circuit
- Y- Δ operational circuit

STANDARD ACCESSORIES

- Power cord : 1ea
- 4 ϕ insulated connection cable : 1set
- User's guide & experimental manual : 1ea

SPECIFICATIONS

Power source	3-phase AC220V	
Earth leakage circuit breaker (ELCB)	Rated voltage : AC 220V 60Hz Rated current: 30A Rated residual current: 30mA	1ea
Electronic contactor (5a2b)	Contact capacity : AC 240V/ 18A / 4.5kW Auxiliary contact capacity : AC 240V 3A	3ea
Electronic overload relay (EOCR, 1/2HP)	Internal CT (sensor): 3-CT (tunnel type) Current setting: 0.3 ~ 1.5A Trip time setting: 0 ~ 30 sec. Contact capacity: AC 250V 3A (Resistive load)	1ea
Relay (4C)	Contact capacity : AC 220V 3A (Resistive load)	2ea
Timer (30 seconds)	Operational method : ON delay Output contact capacity: AC 220V 1.5A (Resistive load)	1ea
Flicker timer (6 seconds)	Operational method : ON Start Output contact capacity: AC 220V 2.5A (Resistive load)	1ea
3-phase induction motor	Operating voltage : 3-phase AC 220V / 380V / 25W Type of motor: Squirrel cage rotor, 4-pole and Y- Δ Starting Rotary disc : Rotational speed detection type Electronic brake : Intensity control function	1ea
Proximity sensor	Type of sensor : NPN Sensing distance: 8mm \pm 10%	1ea
Digital counter	Power source: AC 100V ~ 240V Output contact capacity: AC 250V 3A (Resistive load)	1ea
DC power supply	Output : DC 24V 1A (fuse)	1ea
Lamp	Operating voltage : AC 220V Lamp : DC 6.3V (Red x 2ea, Green x 2ea)	4ea
Buzzer	Operating voltage: AC 220V/4VA	1ea
Push button	Number of switch: 4ea (Red x 2ea, Green x 2ea)	4ea
Toggle switch (1a1b)	Output contact capacity: AC 125V 10A, AC 250V 6A	2ea
Fuse and fuse holder	Fuse: 5A	2ea
Stand	Supports angle adjustment	1ea