

CPE-EP1000

Electric Power Distribution Trainer



FEATURES

- Designed to help understand the structure of power distribution system and wiring connections
- Highly durable steel structure with lockable casters
- Hands-on practice using actual electrical power
- Equipped with a voltmeter, an ammeter, a power meter, a power factor meter and indicator lamps

EXPERIMENTAL CONTENTS

- Structure of electric power distribution system
- Hands-on practice on wiring connections
- Power distribution using actual electrical power

STANDARD ACCESSORIES

- 3-phase power cord : 1ea
- Connection cable : 1set
- User's guide manual: 1ea

SPECIFICATIONS

Measuring unit	Voltmeter (analog round type)	AC600V	1ea
	Power meter (analog round type)	8kW, 100A/5A	1ea
	Power factor meter (analog round type)	Lead 0.5~1~LAG 0.5	1ea
	Ammeter (analog round type)	AC100A, 100A/5A	1ea
	Voltage display selector switch	Selection: OFF, R-S, S-T and T-R	1ea
	Current display selector switch	Selection: R, S and T	1ea
Control unit	Push button switch	Contact: 1a1b Color: SET (green color), RESET (yellow color)	1set
	Indicator lamp	Color: ON1 (red), ON2 (red), OFF1 (green), OFF2 (green)	1set
	Selector switch	Contact: 2-step 1a1b Selection: HAND1/AUTO1, HAND2/AUTO2	1set
Main MCCB		100A / 4-pole RSTN	1ea
Auxiliary MCCB		50A / 4-pole RSTN (2ea) 50A / 3-pole RST (2ea)	1set
Auxiliary ELCB		50A / 3-pole RST (2ea) 15A / 2pole LN (2ea)	1set
CT (round type)		For phase current measurement	3ea
SR Relay		Input: AC220V Output: DC12/24V(500mA) Contact capacity: 7A	1ea
Electronic contactor		AC220V, 1a2b	2ea
EOCR		2CT & 1a1b contact	2ea
Fuse socket and fuse		Channel type socket	4ea
Terminal block		Port: 12P (1ea), 24P (1ea)	1set
Booth bar		Color: R (black), S (red), T (blue), N (white)	1set
Grounding bar		Point: 8 points	1ea
Safety cover		Material: Transparent acryl	1ea
Wire duct		High strength type	1set
Enclosure		Type: Steel case in rectangular shape Equipped with a door, a lock device and casters	1ea
Circuit diagram		Displays circuit diagrams inside the door	1ea
Input voltage		3-phase AC380V 50/60Hz	-
Dimension		700(W) x 500(D) x 1600(H) mm	-