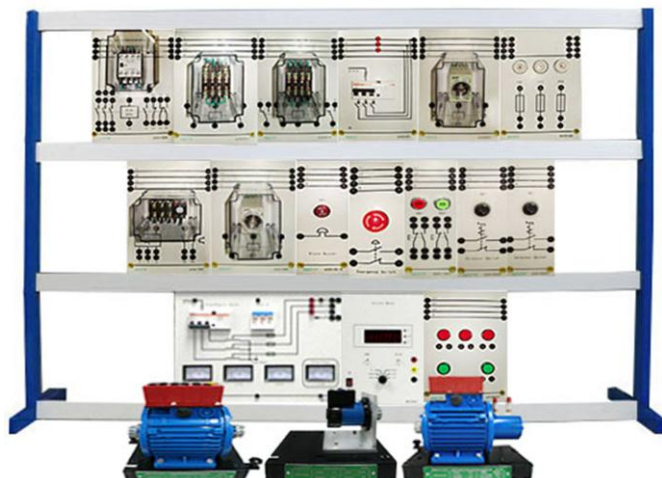


MOTOR CONTROL TRAINER

Model Number : GOTT-MCT-191

**DESCRIPTION**

This trainer provides a good grounding in mastering control technology using various types of electrical contactor circuits. The trainer features modular components are mounted on to a rack system to facilitate the setting up of various types and configurations of circuits. This system allows the students to select the module and design their own wiring on various contactor circuits. The student is also introduced to popular motor control circuits, such as a reversing circuit with various interlocking circuits, star –delta circuits, poles switching circuits for separate winding and different direction rotating.

PRODUCT MODULES

THREE PHASE FCCB	CODE 191-001	THREE PHASE CONTACTOR	CODE 159-014	THERMAL OVERLOAD RELAY	CODE 191-003	AC RELAY (4C)	CODE 191-004
Leakage Current: 30mA Pilot Lamp L1, L2 & L3 (Voltage Monitor)		Rated Voltage : 415VAC Rated Current : 10A Coil Voltage: 240VAC		Rated Voltage : 240VAC Rated Current : 10A		Rated Voltage : 240VAC Coil Voltage: 240VAC Contact: 4 sets	
AC RELAY (2C)	CODE 191-005	ALARM BUZZER	CODE 191-006	EMERGENCY SWITCH	CODE 191-007	SELECTOR SWITCH	CODE 191-009
Rated Voltage : 240VAC Coil Voltage: 240VAC Contact: 2 sets		Input: 240VAC 22mm AC BUZZER 4mm safety banana socket x 12		Rated voltage : 240VAC Emergency off button with pull-unlatching		Rated voltage : 240VAC 22mm selector switch 4mm safety banana x 12	
PUSH BUTTON	CODE 191-008	PILOT LAMP	CODE 191-010	TIME RELAY	CODE 191-011	FLICKER TIME RELAY	CODE 191-012
Rated voltage : 240VAC Push Button x 2 units		Pilot Lamp x 5 units Input: 240VAC		Delay Time : 0.4s – 10s Input: 240VAC		Delay Time : 0.4s – 10s Input: 240VAC	

MOTOR CONTROL TRAINER

Model Number : GOTT-MCT-191

TACHOMETER RPM Range: 0...9999rpm Input: AC 240V 	CODE 192-008	AC VOLTMETER & AC AMMETER Measurement Mode : AC Voltage Ranges : 5V,50V,250V,1000V Current Ranges : 1A, 5A, 25A 	CODE 588-027	DC VOLTMETER & DC AMMETER Measurement Mode : DC Voltage Ranges : 5V,50V,250V,1000V Current Ranges : 1A, 5A, 25A 	CODE 588-028	ADJUSTABLE THREE PHASE Protection Fuse 2A x 3 units Pilot Lamps L1 , L2 & L3 Fault Current Circuit Breaker 3 Poles Output: 0...240VAC x 3 units 0...415VAC Input: AC 415V, 50Hz 3-Phase 	CODE 191-015
FUSE Rated voltage : 415VAC Protection Fuse 2 x 3 units 	CODE 588-009	THREE PHASE INDUCTION MOTOR Power: 170W Voltage: 415VAC Current: 0.45A Speed: 1500rpm Connection: Δ & Y 	CODE 159-004	THREE PHASE SYNCHRONOUS GENERATOR Power: 170W Voltage: 415VAC Current: 0.43A Excitation Voltage: 12VDC Excitation Current: 1.4A Speed: 1500rpm Connection: Y 	CODE 159-005	TACHO GENERATOR Speed: 2000rpm Output: Max. 20VDC 	CODE 159-017
ROTATE SPEED SENSOR Used with DC Motor Control Unit / Tachometer 	CODE 159-018	U-LINK For connecting junction point 	CODE 159-019	VERTICAL FRAME High Level: Din Standard A4 with two shelves Material: Aluminium Side Frame: T shape Size: 3-Layer 1450mm Length 	CODE 297-000	EXPERIMENT MANUAL 	CODE 191-017
		SAFETY CONNECTING LEAD 4mm connecting leads 	CODE 237-001				

EXPERIMENT TOPICS :

- Unidirectional Rotation Control of Motor – Non Locking Method
- Unidirectional Rotation Control of Motor – Locking Method
- Unidirectional Rotation Control of Motor using Selector Switch
- Unidirectional Rotation Control of Motor using Time Relay
- Timer Control Circuits
- Press and Hold switch circuit
- Pilot lamp indicating circuit
- Alarm buzzer circuit
- Forward and reverse rotation of motor with contactor interlock
- Forward and reverse rotation of motor with switch interlock

Manuals :

- All manuals are written in English
- Model Answer
- Teaching Manuals

General Terms :

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

Warranty :

2 Years

ORDERING INFORMATION :

ITEM	MODEL NUMBER	CODE
MOTOR CONTROL TRAINER	GOTT-MCT-191	191-000

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