Inverter and Soft-Starter Motor Trainer

Category: Electrical Engineering · Model reference: MZM-4008



SPECIFICATIONS

DESCRIPTION
Practical training on Inverter and Soft starter in 3-phase induction motor operations .Control experiments using a PLC module (in use of D/A module) feasible contact-type PLC control Carrying case type structure for convenient storage and mobility

EXPERIMENTS
· Basic operation practice using Keypad
· Basic operation practice using Control Terminal
· Basic practice using Variable Resistor
· Control practice using Latch Circuit and Timer
· Repeat control practice using two timers
· Control practice using PLC Contact
· Multiple velocity control practice using PLC Contact
· Velocity control practice using the D/A module of Programmable Logic Controller
· Inverter and Soft starter control practice using Sequence Control

SPECIFICATIONS
Standard features & indications:
· 1 Induction Motor 3 fasa 220/380VAC 0.09 KW
· 1 Inverter 0.37 KW 1P to 3P 220 VAC
· 1 Soft Starter 0.37KW 1P to 3P 220VAC
· 1 MCB 1fasa max 2A,
· 1 MCB 3 fasa max 10A
· 5 Lamp Indikator 220 VAC
· 1 Digital RPM Meter
· 1 Proximity Sensor 24VDC
· 1 Potensiometer 1K
· 1 Ampere meter max 5A
· 1 Ampere meter max 500Ma
· 1 Volt meter AC max 300V
· 1 Volt meter AC max 30V

Technical Data:
Power supply input: 415V AC 3P 50Hz Dimension: 800 x 400 x 600MM

TRAINING CONTACT
· Definition of Inverter and Soft starter
· Inverter And Soft starter menu setup
· Preparation of the Inverter before operation
· Connection to the AC motor
· Torque operation
· Acceleration and deceleration
· Forward/Reverse operation
· Frequency operation

SOFTWARE
Programming Software
Send Enquiry **Your Name**
Your Email
Tele Phone

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