Motor Fault Simulator

Category: Electrical Engineering · Model reference: MZM-4021



SPECIFICATIONS

TECHNICAL SPECIFICATION :
1. The Motor Fault Simulator come with :
i. 1 x Motor Fault Simulator
ii. The fault simulator in conjunction with the squirrel cage motor in the 0.3kW and 1.0kW power classes permits the simulation of typical malfunction like:
· Short to ground
· Windings breaks
· Turn-to-turn faults
· Windings-to-frame short-circuit
· Tripping the thermal circuit breaker
· The faults are generated by switches arranged behind a locked cover
2. 1 x Insulation Tester
Battery operated insulation tester as KYORITSU for testing equipment and systems up to 500V voltage rating.
· Insulating resistance ranges : 0 ~ 500 kOhm
· Resistance ranges : 0 ~ 1000 Ohm (U0 appr. 370 V DC) with fast beeping testing
· Voltage : 0 ~ 500 V AC/DC
i . For Insulation Testing
· Voltage rating : 500V
· Current rating : 1.06mA
· No-load voltage : approx. 700 V DC
ii. Power Supply
· 4 x AAA 1.5V
3. 1 x Squirrel Cage Motor
Three-phase asynchronous motor with squirrel cage rotor, industrial design with one shaft end.
· Power : 0.25kW
· Voltage : 230/400 V
· Current : 1.34/0.77 A
· Frequency : 50Hz
· Power Factor : 0.73
· Design : 4 pole
· Speed : 1380 min –1
4. Workbench
5. Bench Top
The Bench top is is constructed wholly of three ply fine grain chipboard with 25mm thickness. Both surface are coated with scratch and heat resistance melamine resin. All edges of the table are protected by a 3mm thick impact resistance PVC band. Surface : light grey
6. Bench Frame
Welded metal frame of rectangular steel tubing 40 x 40mm. Surfaces finished with baked epoxy powder, approx. 50 to 70 micron thick. Suitable for the mounting of bench top. All 4 feet are supported by height-adjustable plastic
7. Console:
i. 1 x Mains Supply Unit 240
· 19” plug-in unit, equipped with
· Fault current protection switch, 30mA, single-phase
· Automatic cut-out 16A
· Cam switch for safety socket voltage output
· Output through three 4mm safety sockets L1, N, PE
· 1 phase monitor light
· 6 pin supply plug for supplying bus wiring of bench
ii. 1 x Emergency Off 19” Plug-in panel, equipped with
· Emergency off button with pull-unlatching
iii. 2 x Twin BS Socket with indicating light 19” plug-in unit, equipped with :
· Twin BS 13A switched socket
Send Enquiry **Your Name**
Your Email
Tele Phone

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