Synchronising Simulator AC Motor Driven Generator

Category: Electrical Engineering · Model reference: MZM-4026



SPECIFICATIONS

SYSTSEM DESCRIPTION :
The system consist of :
1. 1 x Synchronizing Switchboard
2. 2 x Motor Generator Sets
3. 2 x Prime Mover Control Panel
4. 1 x Fault Stimulator Panel
TECHNICAL SPECIFICATION :
1. Synchronizing Switchboard
The board equipment with the :
· 2 x Circuit Breaker 20A, TP, and c/w under voltage / shunt trip coil
· 2 x Neutral Knife Switch
· 1 x Over Current Relay
· 1 x Earth Fault Relay
· 1 x Electronic Combined IDMT Relay
· 2 x Ammeter 0 - 40A c/w Selector Switch
· 2 x Voltmeter 0 - 500V c/w Selector Switch
· 2 x Frequency Meter
· 2 x Reverse Power Relay
· 2 x KW Meter
· 2 x Power Factor Meter
· 4 x Synchronizing Switch
· 2 x Synchronizing Lamp
· 1 x Synchronoscope
· 1 x Double Voltmeter
· 1 x Double Frequency Meter
· 1 x Set of Current Transformer for metering and protection
· 1 x Set of Indicating Lights
· 1 x Heavy Sheet Steel Console
2. Motor Generator
a. AC Generator
· Rating : 15kVA
· Speed : 1500 RPM
· Output : 240/415VAC,
3 Phase, 50Hz
b. AC Motor Driving
· AC Induction Motor
· Rating : 10HP
· Speed : 1500 RPM nominal
3. Prime Mover Control Panel
This unit equipment with :
· Speed Controller
· Ammeter 0 - 60A
· 2 x Voltmeter 0 - 500V
· 2 x Tachometer 0 - 2000 RPM
· 6 x Indicating Lights
· 2 x Circuit Breaker 60A TP
· Pushbuttons
· 1 x Sheet metal console
4. Fault Simulation Panel
· Physical dimension approx. : 700W x 660H x 720D mm
· Example of typical faults are :
i. Phase sequence fault
ii. Synchronoscope
iii. Reverse Power Relay Fault
iv. Speed Droop Fault
v. Earth Fault Relay Fault
vi. AVR Fault
vii. Earth Leakage Fault
viii. Under Voltage Release Fault
GENERAL TERMS:
· Accessories will be provided where applicable.
· Manuals & training will be provided where applicable.
· Designs & specification are subject to change without notice.
· We reserve the right to discontinue the manufacturing of any product.
COURSEWARE & ACCESSORIES
· Laboratory Manual
· Instructor’s Guide
· Rubber Mat
COUNTRY OF ORIGIN
Made In Malaysia
WARRANTY
1 Year
Send Enquiry **Your Name**
Your Email
Tele Phone



