



Power Factor Correction Training Panel Set

Category: Electrical Engineering · Model reference: MZM-4010



SPECIFICATIONS

DESCRIPTION:

This is a standard industrial LT switchboard but specially adapted to function as a training unit. It enables switchgears, instrument and protective gears used in normal switchboard to be demonstrated and their functions explained. It is an excellent practice units for students to study its circuitry, dismantle and reassemble components and parts rewire. Compartment doors/covers are hinged and the screws can be opened manually by hand.

POWER FACTOR UNIT

Unit is equipped with the following :

- i. 1 x switch 1-0-2 20A TP
- ii. 1 x power factor regulator / controller 6 steps
- iii. 5 x capacitor banks of assorted ratings from 1 to 5kVar
- iv. 1 x circuit breaker 20A TP
- v. 5 x circuit breaker 16A TP
- vi. 5 x magnetic contactors 240V
- vii. 1 x power factor meter 3 phase
- viii. 5 x indicating lights 240V
- ix. 1 x current transformer

Console : Heavy sheet metal

Finish : Baked epoxy powder

Input : 240/415VAC, 20A, 3 phase, 50Hz

Output : 240/415VAC, 20A, 3 phase, 50Hz to be connected to inductive and resistive and capacitive loading units.

Approximate Dimension (W x D x H)

1000 x 500 x 2000 in mm

Mobile Bench

· Console : Heavy Sheet Metal

· Finishing : Baked epoxy powder

· Dimensions (W x D x H) : 1020 x 500 x 629 mm

TECHNICAL DATA

Unit features shall include the following :

- i. Actual industrial system but specially adapted for teaching and demonstration purposes
- ii. Compact and self-contained unit available either in a bench-top or mobile version
- iii. All required components are systematically and didactically arranged on a sloping study panel with all internal components and circuits schematically represented by screen-printed mimic diagrams
- iv. Circuit construction is achieved by patching together the desired components
- v. All internal components and circuits are terminated as safety-type terminal sockets
- vi. Internal circuits are fully protected against overload and short circuit faults.

Send Enquiry **Your Name**

Your Email

Tele Phone

