



Electrical Motor Control Installation Panel Board

Category: Electrical Engineering · Model reference: MZM-4022



SPECIFICATIONS

GENERAL FEATURES :

The unit constructed with heavy steel thickness 3mm and finish with baked epoxy powder. Unit consists of two sections, namely the upper and lower sections. Both sections cover with wing door with lock and door stopper. On the inside of the upper section is fitted with a perforated metal panel for quick and easy assembly of motor control components. On the lower section are three level storage compartments for storing items such as motor control components, cables, hand tools, etc.

TECHNICAL SPECIFICATION :

1. Components / Accessories mounted on the upper door panel are as follows:

- 1 x MCCB 30A 3P 25kA
- 1 x Voltmeter 0 ~ 500V AC/DC with voltmeter selector switch.
- 1 x Phase Indicating Lights for incoming supply (R,Y, B)
- 4 x Start Push Button
- 4 x Stop Push Button Red
- 4 x Pilot Light Green
- 3 x Pilot Light Red
- 1 x Emergency Push Button
- 2 x Door Latch with key

2. Components / Accessories mounted on the inside panel are as follows :

- 3x Contactor 3Pole 415V 5.5kW,coil:240VAC,Contact:2NO 2NC
- 2 x Contactor 3Pole 415V 11kW, coil : 240VAC, contact : 2NO 2NC
- 1 x Thermal Overload Relay 4 ~ 6A
- 1 x Thermal Overload Relay 6 ~ 10A
- 1 x Timer 1 Delay Relay 0 ~ 10sec, with base
- 1 x Timer 1 Delay Relay 0 ~ 10sec, 1 normal relay with base
- 1 x Timer 2 Delay Relay 0 ~ 10sec, with base
- 1 x Timer Multi Range, with base
- 1 x Auto Transformer 5HP (3.75kW), 2 step(70%),415V 50Hz

- 1 x Rotor Resistance 5HP, F.L.S.T 150%, Step 2, star point 1
- 1 x Soft Starter 3 phase 415V 50Hz
- 3 x MCB 6A 500V
- 5 x Terminal Block 30A 500V
- 12 x Terminal Block 20A 500V
- 10 x Terminal Block 10A 500V
- Set if DIN rail (mounted at the suitable place to mount eg MCB, terminal block, etc)
- Set of PVC cable casing
- 3. Components / Accessories mounted at the left side (outside) of the panel as follows :
 - 1 x CEE Socket Male 32A 5 pole c/w plug
- 4. Wiring Exercise based on standard components as follow :
 - Direct On Line Starter (single and three phase)
 - Forward Reverse Starter
 - Star Delta Starter
 - Forward Reverse Star Delta Starter
 - Auto Transformer Starter
 - Rotor Resistance Starter
 - Soft Starter

INSTALLATION, TESTING AND COMMISSIONING

- 32A TPN Isolator with Male and Female Industrial Socket
- DB Running GI 25mm Orange Conduit to Machine

Send Enquiry **Your Name****Your Email****Tele Phone**