

## Motor Control Center (MCC)

Topaz is experienced in design, manufacture and provide turnkey LV MCC (Low Voltage Motor Control Center) panel according to customer requirements.

MCC is an assembly of enclosed sections having a common power bus and principally containing motor control units. Motor control centers are factory assembly of several motor starters. It can include variable frequency drives, programmable controllers, and metering and may also be the electrical service entrance for the building.

### Technical Specifications

Power Supply Voltage	: 400-600VAC 50/60Hz 3P3W/3P4W
Current Range	: 500 - 2500A
Control Voltage	: 110/24 VDC
Electrical Protection	: Over Current, Earth Fault and Earth Leakage Relay
Incoming Circuit Breaker	: MCCB, ACB
Metering and Control	: Ammeter, Voltmeter, Selector Switch, Pushbutton and Indicator Light
Motor Starter Circuit	: D.O.L., Star/Delta, Autotrans., Variable Speed Drive
Motor Protection	: Overload Relay
Standards Compliance	: IEC 60439
Cable Entry	: Top and Bottom entry
Zone Location	: Indoor
Enclosure	: Mild Steel
Color	: Grey, Surface finish: Dip coat-primed, powder-coated in textured RAL 7035
Ingress Protection (IP)	: IP42
Approval	: JKR, Energy Commission (Suruhanjaya Tenaga)
Options	: Automatic Mains Failure (AMF) Withdrawal type Remote control using SCADA



### Applications:

LV MCC for commercial and industrial applications

For additional information please contact;

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