



MCC Panels



SPECIFICATION :

Structure	IP 42/45 Indoor Type, Free Floor Standing Front and Rear Open able
Thickness	2.0mm CRCA Sheet
Cable Entry	Top /Bottom Side
Design	Welded / Modular/ Draw-out
Feeder & Compartment	Incomer Feeder, Outgoing Feeder, Busbar Compartment, Cable Alley, Metering Compartment
Incomer	MCCB/ ACB
Metering	Digital Panel Meters + Indication lamp
Outgoing	DOL/FASD/ATS/Soft Starters/VFD
Panel Wire	0.75 Sq.mm to 25Sq.mm Single Core Copper Flexible wire(FR/FRLS)
Busbar	EC Grade Copper/Aluminum Flat bar
De-rating Factor of Busbar	for Copper -- 1 Sq.mm = 1.6A. For Aluminum -- 1 Sq.mm = 0.8A.
Panel Accessories & Hardware	SS 304 Nut Bolts, PU Gasket, Door Hinges Lifting Hook
Paint	Duly Powder Coating with Precoating Process of 7 Tank

APPLICATION :

MCC (Motor Control Center) mainly used for Motor/Pump Starter, There are many type of Motor Starter

- 1)DOL (Direct On Line) Starter up to 7 Hp
- 2)FASD (Fully Automatic Star Delta Starter) up to 300HP
- 3)ATS (Auto Transformer Starter) up to 500HP
- 4)Soft Starter up to 500HP
- 5)VFD (variable Frequency Drive) up to 1000HP

We have Complete in-house Facility to Manufacture MCC Panel up to 750KW(1000HP), all Starters are Type-2Cordinated, with Desired Rating selection, MCC panels are manufacturing by 14/16SWG, CRCA duly 7 Tank Powder Coating Process, We have in-house Design and Development systems for Improvement of Quality and Productivity

We follow IEC 61439 Standard and Provide enough space for Incoming and Outgoing Cable Termination, all Hardware Nut, Bolts used in side the Panel are of SS Metals.

The Design of the MCC Panel are Robust and Rigidly Constructed to Suit wide range of Industries and Pumping Stations, The Supporting Structure/Frame work are made from 3.0/5.0mm Thickness steel Section, The Doors Cover Partitions and Panel are Fabricated with Hi-tech CNC Fiber Laser Cutting and CNC Bending Machines, We Provide CPRI Type testing Report for IP42 and Short Circuit Test Report up to 5000A- 65KA for 2 Sec

we are Having more than 20 Years of Experience, Our Customize Solution and Design will Help to our Client for Betterment, Long lasting, Productivity and Trouble Less Solutions

We are with you always, Because " Engineers Always for you"