

MOTOR CONTROL CENTER PANEL (MCC)



TECHNICAL DATA

Rated Operating Voltage(V): Up to 690V
Rated Insulation Voltage(V): Up to 1000V
Rated Impulse withstand Voltage(kV): Up to 12kV
Rated Frequency: 50/60 Hz
Busbar Type: Pure Copper Bars, with 99,9% conductivity
Rated Current for Main Distribution Busbar(A): Up to 6300A
Conditional Short Circuit Current: 100kA @ 0.2PF
Rated Short-time withstand Current: 100kA @ 1sec
Rated Short-time withstand Current: 65kA @ 3sec
Incoming Feeders: Up to 6300A
Distribution Feeders: Up to 6300A
Form of Separation: Up to 4b
Ventilation: with Fan / Natural
Frame Thickness: Up to 2mm
Sheet Metal Material: AluZinc Steel, Electro Galvanized, Stainless Steel
Surface Protection: Electrostatic Powder Coating / Epoxy
Panel Mounting: Free Standing only
Ambient Temperature: 40°C
Relative Humidity: max. 50% at 40°C
Product Standard: IEC 61439 1-2, IEC 60529 IEC62262, IEC 61641, IEC60068-3-3, IEC60068-2-57

INTRODUCTION

MCC Panels are panels that provide automatic or manual, remote or close control of motors, pumps, fans. It is the type of panel used in multi-motor drives in the facilities. A motor control center (MCC) is an assembly of one or more enclosed sections having a common power bus and principally containing motor control units. Motor control centers are in modern practice a factory assembly of several motor starters. The Motor Control Center is a combination of motor starters, power feeders, and interlocking relays in a modular enclosure. MCC panels are a compact solution allowing for better control, design, and safe electrical system with its most advanced technology for drawer units "IDS system".

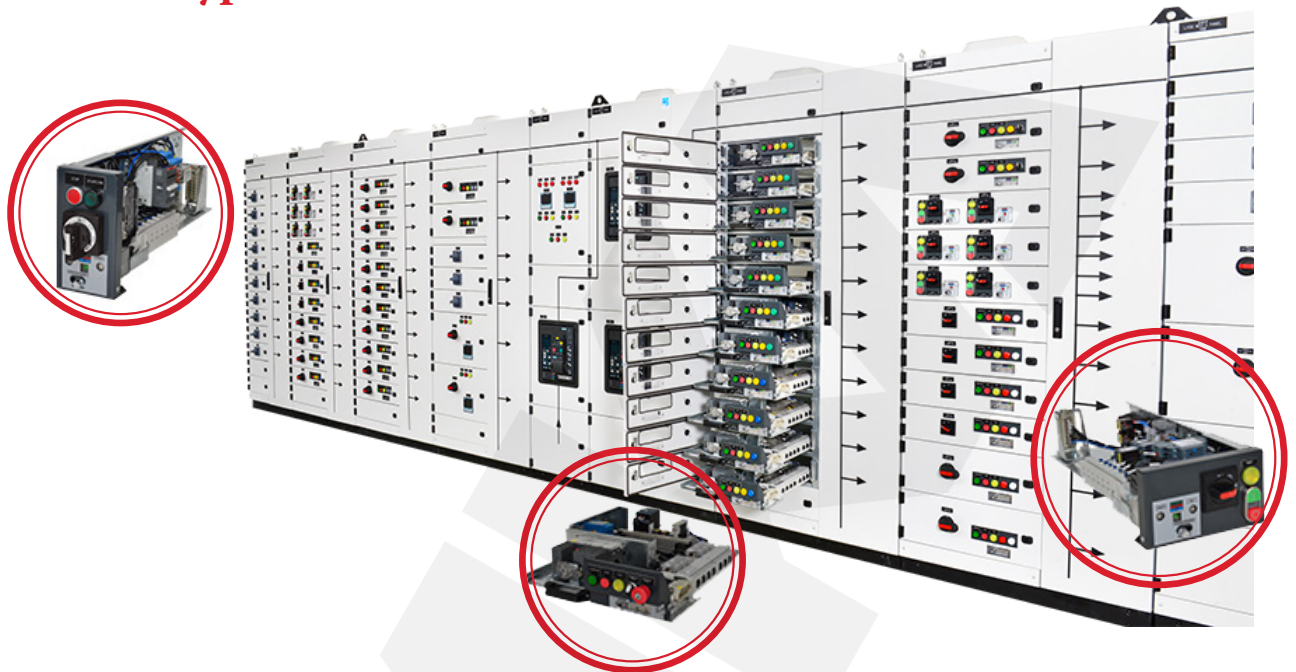
APPLICATION

- Production Lines
- Factories
- Smart Buildings
- Treatment Plants
- Pumping Stations

TYPES

- Draw-out Type
 - Direct On-line
 - Star/Delta
 - Feeder
- Fixed Type
 - Direct On-line
 - Star/Delta
 - Soft Starter Unit
 - Variable Speed Drive
 - Auto Transformers

Draw-out Type Panel



	1/1 Full size	1/2 Half Size	1/4 Quarter Size
Dimetions	H:150 600*D:600*W:500	H:150*D:600*W:220	H:225*D:600*W:100
Starter kW	0,37 kW 300 kW	0,37 kW 18,5 kW	0,37 kW 5,5 kW
Current-A	1 25 A 630 A	Max 50 A	Max 50 A

Fixed Type Panel

