



## AMF Panel/ Synchronizing Panel



### SPECIFICATION :

Structure	IP 42/45 Indoor Type, Free Floor Standing Front and Rear Open able
Thickness	2.0mm/3.15mm 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	MCCB/ ACB
Controller	AMF Relay, Synchronizing Relay
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 :

AMF ( Automatic Mains Failure) mainly used to Continuous Power Supply from Source - 1 and Other Standby Source, When one main Power Supply Gone away another Stand by Supply get Started and Out put Supply Switchover Automatically with all Protection and Metering

Type of AMF Panels are

- 1)AMF Panel ( Auto Mains Failure) - to Switching hover one Source to Another Source
- 2)Synchronizing Panel - to Switching Over one source to another Source as well Synchronizing two or more than two Source in Single Loop Power Supply and Load Shearing System

We have Complete in-house Facility to Manufacture AMF Panel up to 1000KVA, with Desired Rating selection of Breaker, Contactor and Logical, AMF 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 AMF Panel are Robust and Rigidly Constructed to Suit wide range of Industries and Buildings, 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 with you ....."