

Part Number: MITSB_AMF_65kVA_SYNCH
65 kVA AMF Board – Synchronising Panel

Automatic Main Failure Board- Synchronising Panel

MECTRID is experienced in design, manufacture and apply turnkey LV AMF Panel . AMF is an assembly of distribution panels, each of which contains switches and breakers that allow electricity to be redirected to appropriate loads. This unit provides protection, metering and load distribution from incoming supply (generator set) in case the main supply breakdown. It is designed as an actual industrial switchboard including the equipment sets but specially adapted for training purpose. This is to ensure that life-size system be used so as to provide real-life practical experience.



Technical Specification

Rated Operating Voltage	: Ue 690VAC 50Hz
Rated Current	: Ie 500 - 6000A
Rated impulse withstand voltage	: Uimp 6000V DC
Rates insulation voltage	: Ui 1000V AC
Standards Conformance	: IEC 60439-1, BSEN 60439-1, AS 3439.1, IEC 60529, IEC 61641, IEC-61439 : 2009
Rated short circuit withstand	: Icw 80kA rms for 3 s Ipk 176 kA Icw 80kA 1s Ipk 176kA
Forms of internal separation	: 1, 2a, 2b, 3a, 3b, 4a, 4b
Busbar system	
* Material	: Copper, Oxygen-free high conductivity
* Surface treatment	: Tin-plated or PVC heat-shrink sleeve
* Support material	: Fiberglass reinforced polyester
Cable Entry	: Top and Bottom entry
Zone Location	: Indoor
Enclosure mounting	: Wall-mounted or free-standing
Enclosure Material	: Mild steel, electro-galvanized, or stainless steel
Standard Color	: Grey, Surface finish: Dip coat-primed, powder -coated in textured RAL 7035
Ingress Protection (IP)	: IP20 - 42
Approval	: Energy Commission (Suruhanjaya Tenaga)
Options	: Automatic Mains Failure (AMF), Synchronizing Panel for
Standby Generators	

Application - LV MSB for commercial and industrial applications

