

# AMF-10

## Automatic Mains Failure Control & Protection Module

### Features

- Micro-processor auto control & protection
- Easy to read high light LED display
- Modularity design, easy to install
- Compact size with vibration protected
- IP65 rated waterproof front panel
- Provide full mains and genset alarms signals shutdowns
- Direct operation on front panel with program settings auto-save in non-volatile random-access memory (NVRAM)
- Universal LED graphic interface, displays ATS and genset status and failures
- Optional USB / RS485 / Ethernet remote communication functions
- Free APP for monitor and operate your ATS & genset directly from your smart phone



\*Customized settings are auto-saved into memory and will remain even when power is off.

### Protection & Alarm Status Indicators

- Engine Start Failure
- High Coolant Temperature
- Engine Over Speed
- Abnormal AC Voltage
- Low Fuel Level
- Maintain Service Alarm
- Emergency Stop
- Low Oil Pressure
- Engine Under Speed
- Generator Over Load
- Abnormal Battery Voltage
- Two user definable inputs

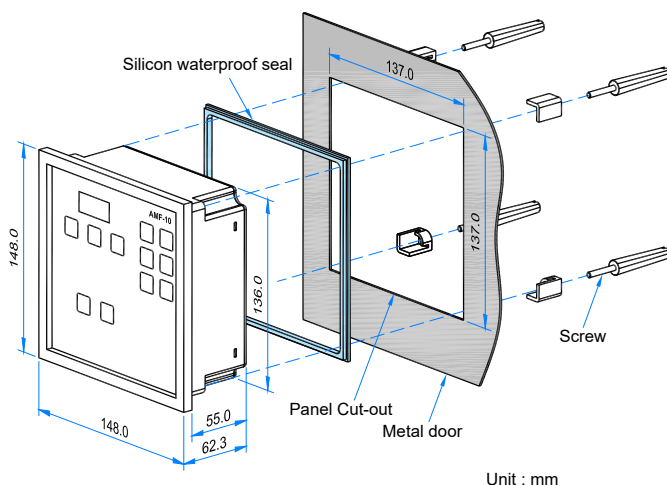
### 4 Digit 7 Segment Easy-to-Read LED Display

- Programmable Display with 3 Phase Volts, Amp & Frequency
- Engine Operation Hours & Battery Voltage Display
- Internal Program Settings & Status
- Failure Signal Status by Graphic Display

### Specifications

<b>Power Input</b>	Voltage 9 to 36 Vdc (12V/24V)	<b>CT Specification</b>	Burden Above 2.5 VA
<b>Sensing Input</b>	Voltage 15 to 510 Vac	<b>CT Secondary Rated Amps</b>	5A
	Frequency 50/60 Hz	<b>Power Dissipating</b>	Max. 5 watts
<b>Rated Output Capacity</b>	DC 10 Amps @ 12/24 Vdc		
	AC 8 Amps @ 250 Vac		

### Dimensions



### Environment

<b>Operating Temperature</b>	-20 to +60 °C
<b>Relative Humidity</b>	Max. 95%
<b>Max. Vibration</b>	5 to 25 Hz +/-1.6 mm
	25 to 100 Hz a=4g

### Physical Specifications

<b>Panel Cut-Out</b>	137.0 x 137.0 +/-0.5 mm
<b>Dimensions</b>	148.0 (L) x 148.0 (W) x 62.3 (H) mm
<b>Weight</b>	589 g +/-2%

