

## Automatic Gen-Set Controllers with Transfer Switching

Local  
Remote  
Control

Parameter configuration via RS-232 port of your notebook  
 Authorised access, secure communication  
 Selectable second language  
 Log last 50 events & alarm information with measured values  
 Statistics records  
 Mains & Generator phase sequence control  
 3 phase mains voltage measurement  
 Power factor measurement for 3 phases  
 3 resistive sender inputs for Level, Temperature, Oil Pressure  
 Selectable Resistive sender types; Pt-100 VDO, US, GM, Ford, Datcon, etc...  
 Speed sensing from alternator voltage or magnetic pickup  
 CanBus J1939 ECU communication  
 SPN, FMI and OC values reading from engines via J1939  
 Remote Start/Stop Speed and Idle mode Control via J1939  
 Load Test selection  
 Compatible to Diesel, Gas or Gasoline generators  
 Auto, Manual and Test modes  
 Active, Reactive, Apparent power measurement  
 Adjustable Start and Stop timers  
 3 phase Load current measurement  
 Configurable 5 inputs and 4 outputs  
 Local Remote Control and Visualisation function



### ▶ Pre-Alarm

Engine temperature  
 Oil pressure  
 Fuel level  
 Over / Under voltage  
 Over / Under frequency  
 Over / Under speed

### ▶ Fail Monitoring

Emergency stop  
 Failed to start  
 Low oil pressure  
 High temperature  
 Speed failure  
 Voltage failure  
 Charging fail  
 Shutdown  
 Warning



### Warning & Electrical trip

Over current  
 Short circuit



### Alarm

Mains breaker not opened  
 Mains breaker not closed  
 Generator breaker not opened  
 Generator breaker not closed

### ▶ Error

Over / Under speed  
 Speed loss  
 Fuel level  
 Battery low  
 Battery high  
 Maintenance  
 Over current  
 Short circuit  
 Engine stop  
 CanBus  
 Charge alternator

### Controls

Fuel and Stop solenoid  
 ECU power and stop  
 Starter motor  
 Automatic generator start  
 Load transfer to mains  
 Preheat  
 External alarm horn  
 Engine cooling  
 Idle mode

Dimensions

Panel Cut-Out : 158mm x 111mm x 67mm

Protection : 120mm x 94mm

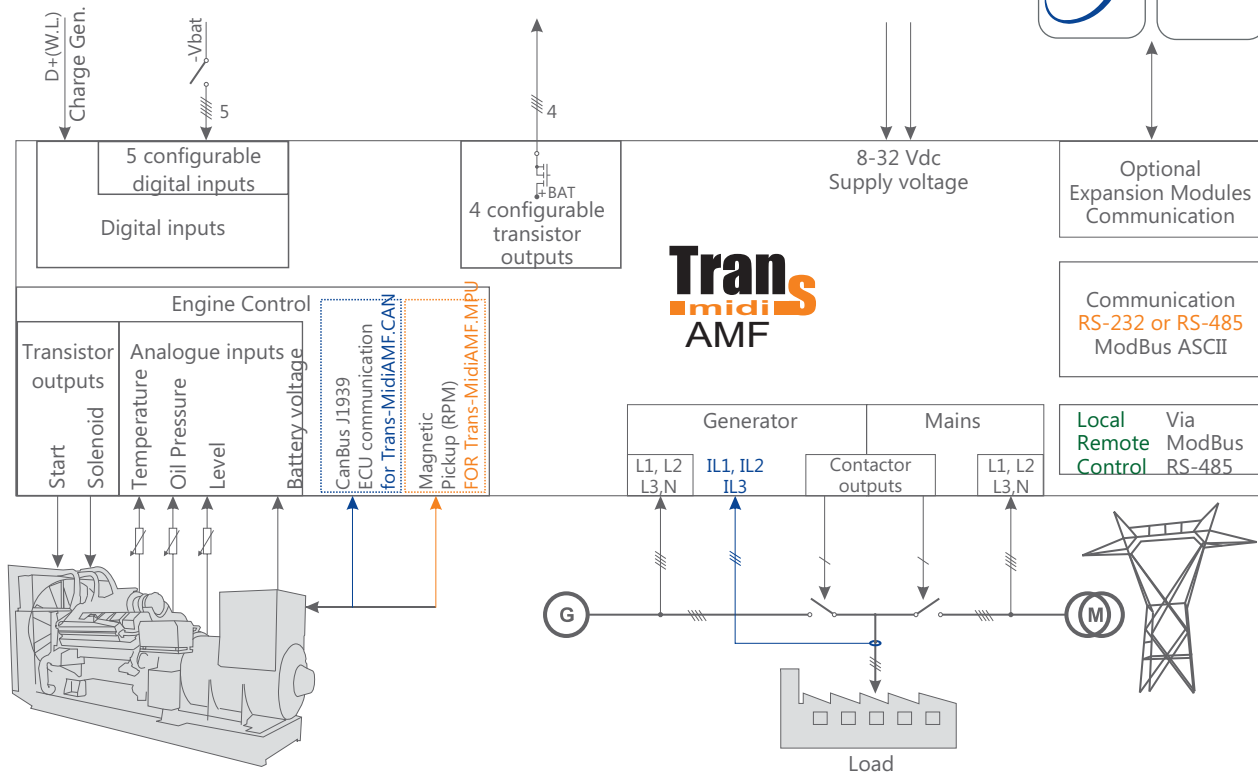
Weight : Ip65 at front panel

Operating/Storage Temperature : Approximately 0,26Kg

DC battery supply voltage : -20°C to + 70°C / -30°C to +80°C

CT secondary : 8 to 32Vdc, max. operating current is 370mA

Sender Measurement : 5A



Order Information	
Trans-midiAMF.MPU.232	Automatic GenSet controller with transfer switching, speed sensing from Magnetic Pickup,RS-232 communication
Trans-midiAMF.CAN.232	Automatic GenSet controller with transfer switching, CanBus J1939 ECU communication,RS-232 communication
Trans-midiAMF.MPU.485	Automatic GenSet controller with transfer switching, speed sensing from Magnetic Pickup,RS-485 communication
Trans-midiAMF.CAN.485	Automatic GenSet controller with transfer switching, CanBus J1939 ECU communication,RS-485 communication
Trans-midiAMF.MPU.232.GPRS	Automatic GenSet controller with transfer switching, speed sensing from Magnetic Pickup,RS-232 communication, GSM-GPRS feature
Trans-midiAMF.CAN.232.GPRS	Automatic GenSet controller with transfer switching, CanBus J1939 ECU communication,RS-232 communication, GSM-GPRS feature
Trans-midiAMF.MPU.485.GPRS	Automatic GenSet controller with transfer switching, speed sensing from Magnetic Pickup,RS-485 communication, GSM-GPRS feature
Trans-midiAMF.CAN.485.GPRS	Automatic GenSet controller with transfer switching, CanBus J1939 ECU communication,RS-485 communication, GSM-GPRS feature
Trans-midiAMF.MPU.232.GPRS+GPS	Automatic GenSet controller with transfer switching, speed sensing from Magnetic Pickup,RS-232 communication, GSM-GPRS+GPS feature
Trans-midiAMF.CAN.232.GPRS+GPS	Automatic GenSet controller with transfer switching, CanBus J1939 ECU communication,RS-232 communication, GSM-GPRS+GPS feature
Trans-midiAMF.MPU.485.GPRS+GPS	Automatic GenSet controller with transfer switching, speed sensing from Magnetic Pickup,RS-485 communication, GSM-GPRS+GPS feature
Trans-midiAMF.CAN.485.GPRS+GPS	Automatic GenSet controller with transfer switching, CanBus J1939 ECU communication,RS-485 communication, GSM-GPRS+GPS feature