

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

Dimensions	: 158mm x 111mm x 67mm
Panel Cut-Out	: 120mm x 94mm
Protection	: Ip65 at front panel
Weight	: Approximately 0,26Kg
Operating/Storage Temperature	: -20°C to + 70°C / -30°C to +80°C
Operating/Storage Humidity	: 95% max. (non-condensing)
DC battery supply voltage	: 8 to 32Vdc (Peak: 36Vdc), max. operating current is 370mA
CT Secondary	: 5A
Sender Measurement	: 0 to 1300 ohm, accuracy: 1%FS, resolution: 1 ohm



► Pre-Alarm

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

► Warning & Electrical trip

Over current
 Short circuit

► Alarm

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

► Controls

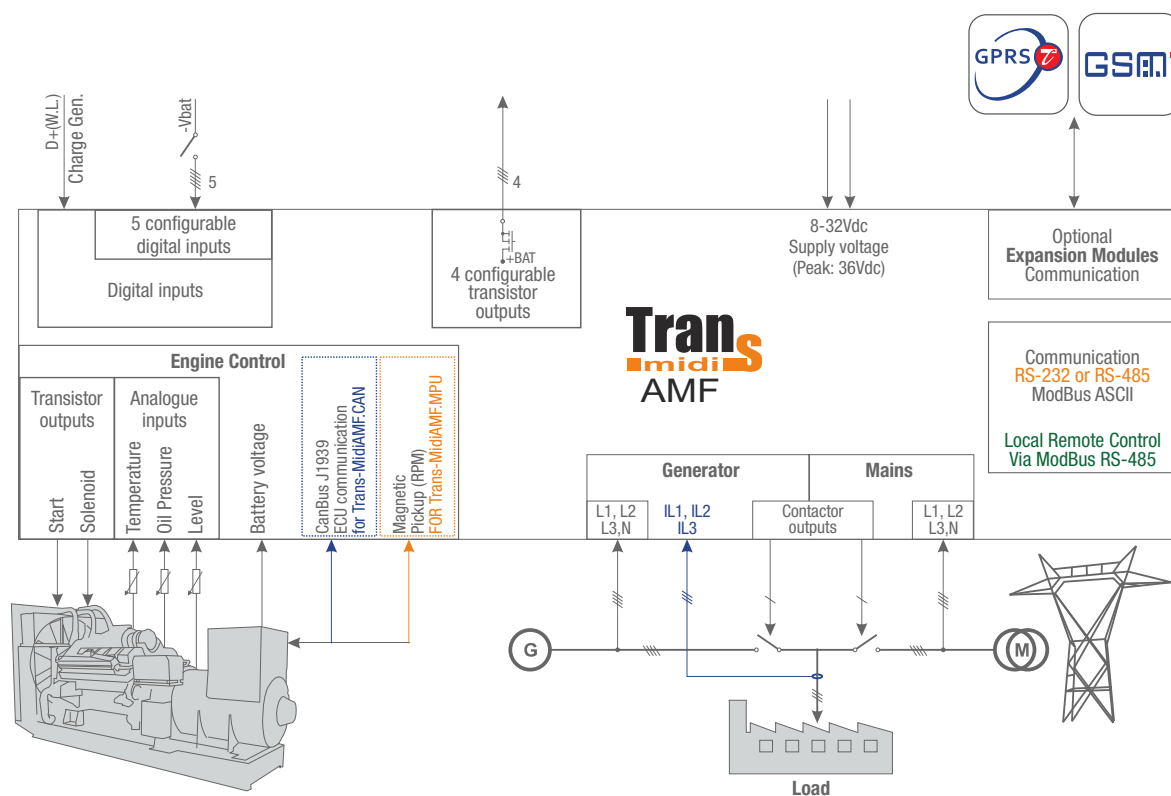
Fuel and Stop solenoid
 ECU power and stop
 Starter motor
 Automatic generator start
 Load transfer to mains
 Preheat
 External alarm horn
 Engine cooling
 Idle mode

► Fail Monitoring

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

Error

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



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