

Automatic Gen-Set Controllers with Transfer Switching



- CanBus J1939 ECU communication
- Parameter configuration via RS-232 serial communication
- Log last 50 events & alarm information with measured values
- Statistics records
- Remote Start/Stop, Speed and Idle mode control via J1939
- Power factor measurement for 1 phases
- 3 resistive sender inputs for Temperature, Oil Pressure and Fuel Level
- Selectable Resistive sender types; Pt-100, VDO, US, GM, Ford, Datcon, etc...
- Speed sensing from alternator voltage or magnetic pickup
- 1 phase Load current measurement
- 3 phase mains and 1 phase alternator voltage measurement
- Configurable 3 inputs and 4 outputs
- ECU power, ECU stop, Stop or Fuel solenoid selection
- Programmable weekly working permit calendar
- Exercise at programmed time intervals
- Automatic transfer switching control and engine control
- Compatible to Diesel or Gas generators
- Active, Reactive, Apparent power measurement
- Adjustable Start, Load and Stop timers
- SPN, FMI and OC values reading from engines via J1939

► Pre-Alarm

- Engine temperature
- Oil pressure
- 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

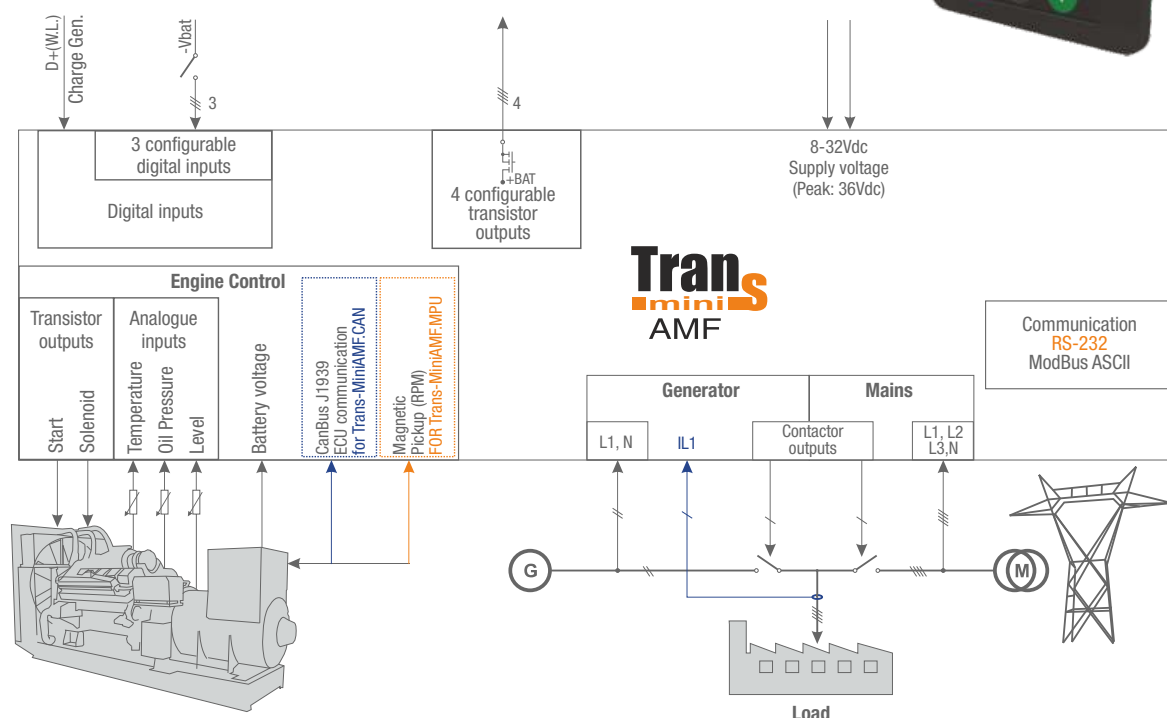
- Fuel and Stop solenoid
- ECU power and stop
- Starter motor
- Automatic generator start
- Load transfer to mains
- Preheat
- External alarm horn
- Engine cooling
- Idle mode

► 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
- Battery low
- Battery high
- Maintenance
- Over current
- Short circuit
- Engine stop
- CanBus
- Charge alternator



Dimensions	: 111mm x 81mm x 61mm
Panel Cut-Out	: 81mm x 70mm
Protection	: Ip65 at front panel
Weight	: Approximately 0,3Kg
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 360mA
CT Secondary	: 5A
Sender Measurement	: 0 to 1300 ohm, accuracy: 1%FS, resolution: 1 ohm

Order Information	
Trans-MiniAMF.RTC	Automatic GenSet controller wiht transfer switching with real time clock
Trans-MiniAMF.CAN.RTC	Automatic GenSet controller wiht transfer switching, CanBus J1939 ECU comm.with real time clock
Trans-MiniAMF.MPU.RTC	Automatic GenSet controller wiht transfer switching, speed sensing from Magetic Pickup with real time clock