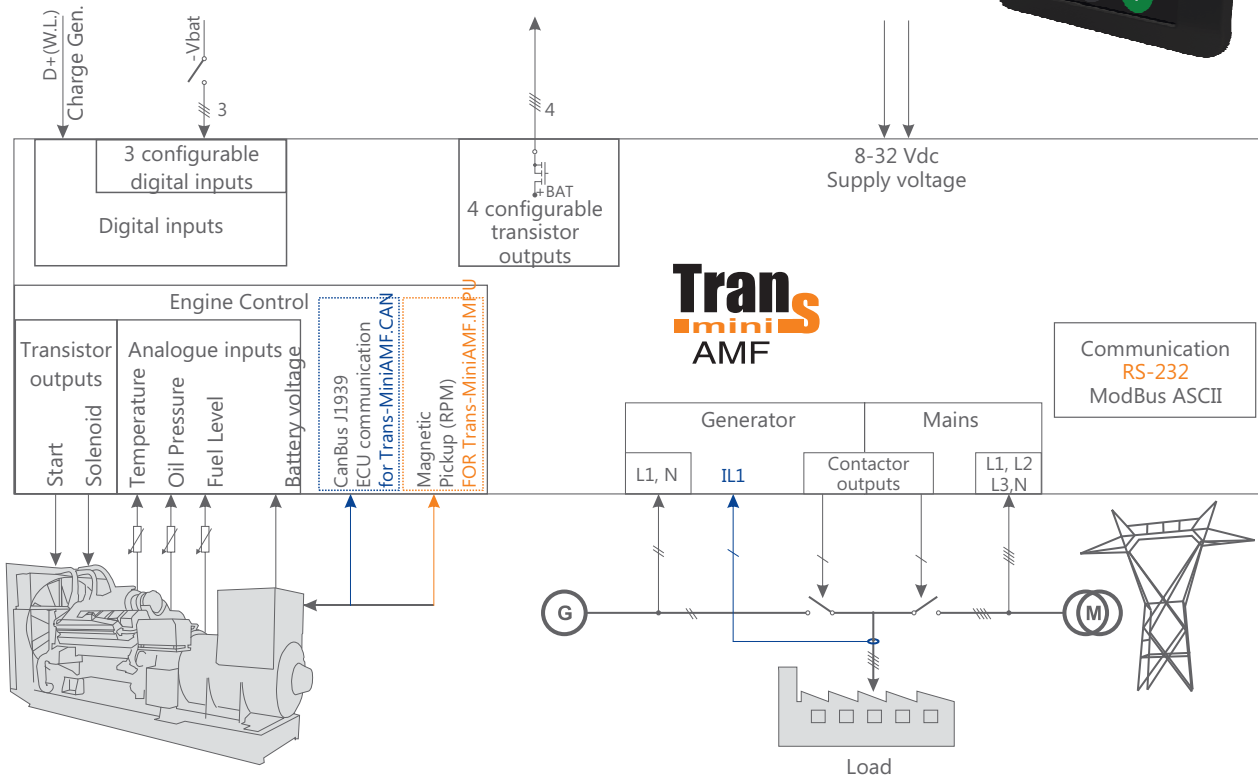


## Automatic Gen-Set Controllers with Transfer Switching



- 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
- ▶ **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
- ▶ **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 : 111mm x 81mm x 61mm
- Protection : 81mm x 70mm
- Weight : Ip65 at front panel
- Operating/Storage Temperature : Approximately 0,3Kg
- DC battery supply voltage : -20°C to +70°C / -30°C to +80°C
- CT secondary : 8 to 32Vdc, max. operating current is 360mA
- Sender Measurement : 5A

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