



## Automatic Gen-Set Controllers

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  
1 phase alternator voltage measurement  
1 phase Load current measurement  
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, magnetic pickup or CanBus J1939  
Configurable 3 inputs and 4 outputs  
ECU power, ECU stop, Stop or Fuel solenoid selection  
Engine control  
Compatible to Diesel or Gas generators  
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



### ▶ Controls

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

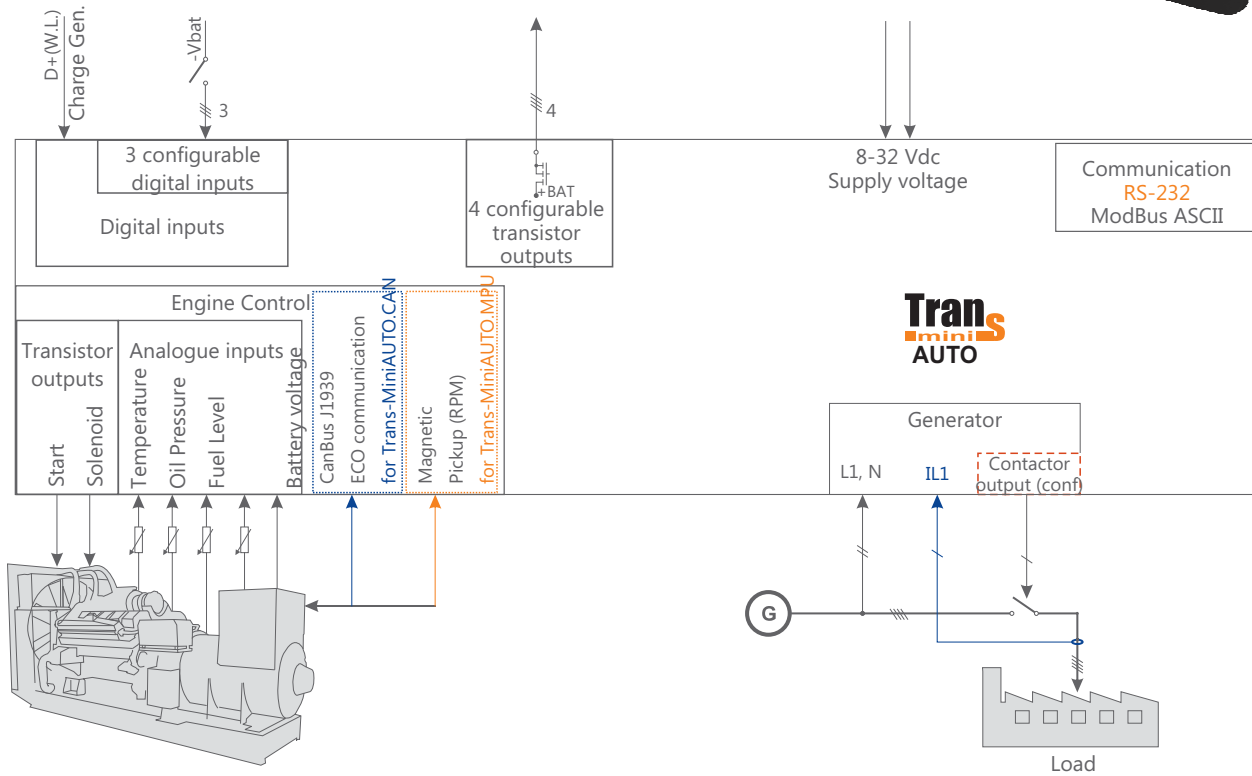
### ▶ Fail Monitoring

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**

- 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-MiniAUTO.RTC	Auto Start GenSet controller, LCD display wiht real time clock
Trans-MiniAUTO.RTC	Auto Start GenSet controller, CanBus J1939 ECU communication with real time clock
Trans-MiniAUTO.MPU.RTC	Auto Start GenSet controller, speed sensing from Magetic Pickup with real time clock