

## 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 3 phases
- 3 phase alternator voltage measurement
- 3 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

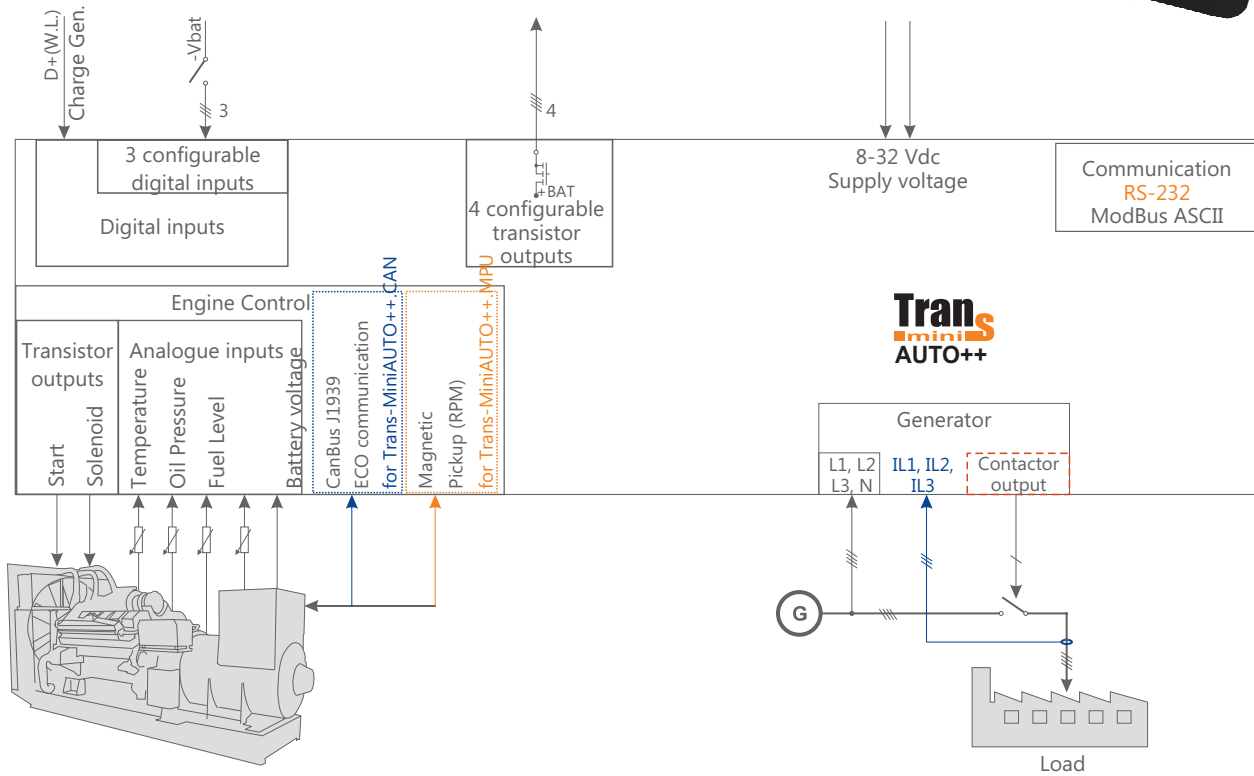
### ▶ Fail Monitoring

- 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