

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
 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

For Trans-Mini Auto

Power factor measurement for 1 phases
 1 phase alternator voltage measurement
 1 phase Load current measurement

For Trans-Mini Auto++

Power factor measurement for 3 phases
 3 phase alternator voltage measurement
 3 phase Load current measurement

► Pre-Alarm

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

► Warning & Electrical trip

Over current
 Short circuit

► Controls

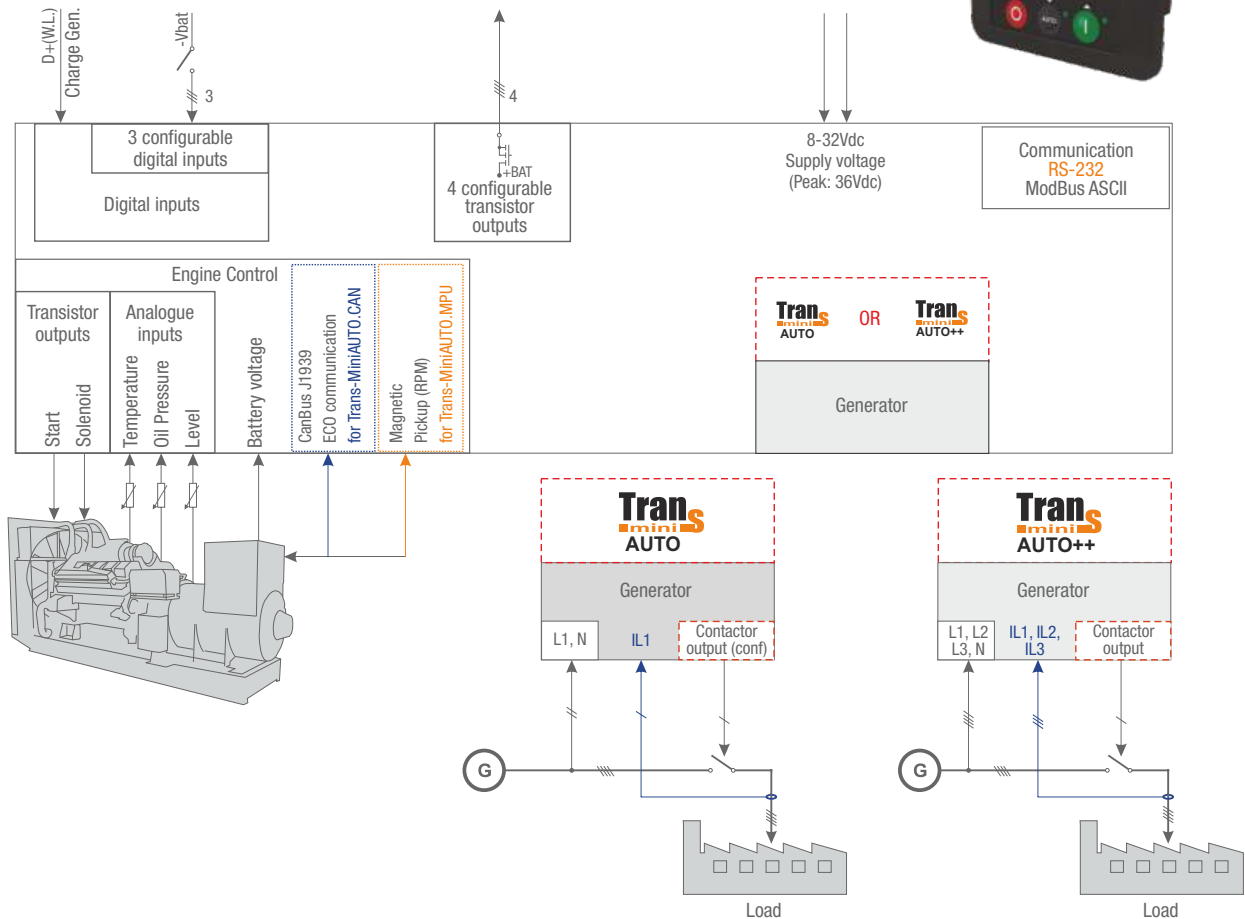
Fuel and Stop solenoid
 ECU power and stop
 Starter motor
 Automatic generator start
 Preheat
 External alarm horn
 Engine cooling
 Idle mode

► 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 : 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-MiniAUTO.RTC	Auto Start GenSet controller, LCD display with real time clock
Trans-MiniAUTO.CAN.RTC	Auto Start GenSet controller, CanBus J1939 ECU communication with real time clock
Trans-MiniAUTO.MPU.RTC	Auto Start GenSet controller, speed sensing from Magnetic Pickup with real time clock
Trans-MiniAUTO++.RTC	Auto Start GenSet controller, LCD display with real time clock
Trans-MiniAUTO++.CAN.RTC	Auto Start GenSet controller, CanBus J1939 ECU communication with real time clock
Trans-MiniAUTO++.MPU.RTC	Auto Start GenSet controller, speed sensing from Magnetic Pickup with real time clock