

GU304A Genset Controller

Introduction:

GU304 is a safety protected module for engine safety protection and with running status, parameter display. It Measure and display engine parameters and with a key switch for engine start-up and stop operate. If occur fault or alarm during engine running, LED display relative fault or alarm, close fuel solenoid output and engine shut down.

Features

- Micro-CPU control, complete digital technology
- Configure the running mode of the controller via the panel keys.
- Measure and display the engine's battery voltage, speed, oil pressure, running hours.
- Engine's fuel type is programmable.
- Good for wide range and different brands sensor being used.
- DIN72 standard shell. All connected terminals are pin-link type with screw locked. This connector is good for connecting, dismantling, maintenance and replacing.

Front Panel LED Indicator :



Engine running



Low oil pressure



High temperature



Over speed



Half fuel level



Low oil level



Canopy high temperature



Emergency stop

Measuring and Display Parameters :

- Charger Voltage: Vdc
- Gen. Running Hour: Hour
- Gen. Coolant Temperature: (signal form water sensor)
- Gen. Oil Pressure: Kpa (Signal form oil pressure sensor)
- Gen. Running Speed: RPM (Signal from AC voltage of the Generator)
- All relative parameters are indicated and displayed circularly by LED.

Configurable Parameter:

- Valve Type (0 closed/1 opened)
- Oil Pressure Sensor (1~9)
- Water Temperature Sensor (1~9)
- Safety monitoring delay (0~600s)
- Over-speed Value (0~9999RPM) 9999 (no setting)
- High Temperature Alarm (70~160)
- Low Oil Pressure Alarm (50~300Kpa)
- High Temperature Alarm (70~160)
- Low Oil Pressure Alarm (50~300 Kpa)
- Low Battery Alarm (1~25V) 0 (no setting)

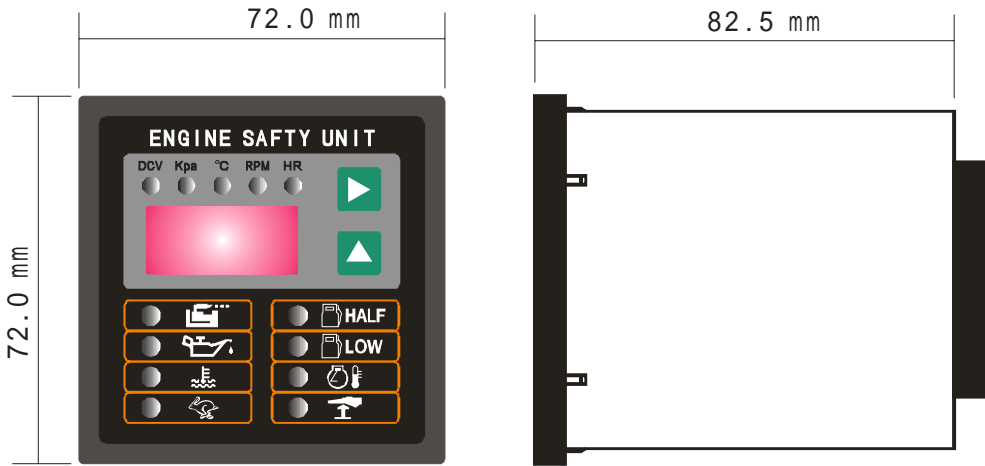
Specification:

- DC Source
- Voltage Range : 12V/24V (9~32V series)
- DC Input Frequency : 3~70HZ (30V voltage 300V)
- Relay Output : 3A/30VDC
- Operating Temperature : -30 ~70
- Storage Temperature : -40 ~80

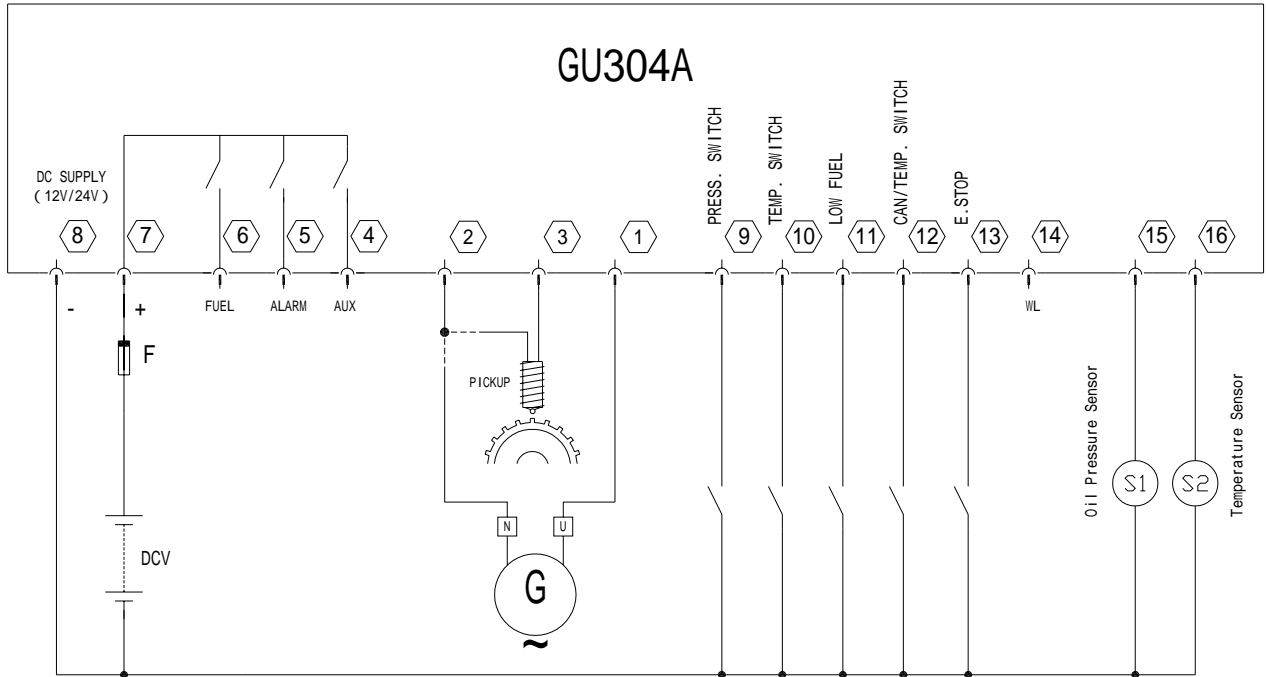
Dimension :

Control Panel	W72mm × H72mm
Hatch for Installation	W68mm × H68mm
Deepness	D82.5mm (unconnected)

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Typical Connecting Diagram :



Note: The controller must be grounded well!