

GTR-20

Generator controller



Features

- Applies micro processing platform design.
- Auto start & stop generator.
- LCD graphical display to indicate the status.
- LCD with 2 back-lit, clearly display the system status.
- Parameter Indication : coolant temperature, oil pressure, running hour, frequency and battery voltage.
- Input switch signal can be set in NO/NC mode.
- Programmable front panel
- Broad voltage working range 8~36VDC
- Pluggable Euro type terminal block wiring for quick installation

Relay Output Function

- Starter motor
- Fuel valve
- Electrical trip
- Warning
- Charging excitation
- Energize to stop
- Close generator pulse
- Preheat
- Idle

Introduction

GTR-20 is one of the most robust, digitized generator controller, capable of giving instant indication and error messages from the generator, capable of monitoring and stopping the generator when error occurs and give symbol indication accordingly, with red back-lit, which allows user to easily distinguish from the symbol indicator's light and the back-lit, make it easier for error control. Built-in parameters can be adjusted via setup mode, to adapt all different type of gen-sets.

Indication capability

- Battery voltage value
- AC frequency value
- Coolant Temperature value
- Lubricant oil pressure value
- Run hours

Protections

- Emergency stop
- Low battery voltage
- Over speed
- High water Temperature
- Low oil pressure
- Over crank
- Low water level
- Low fuel level

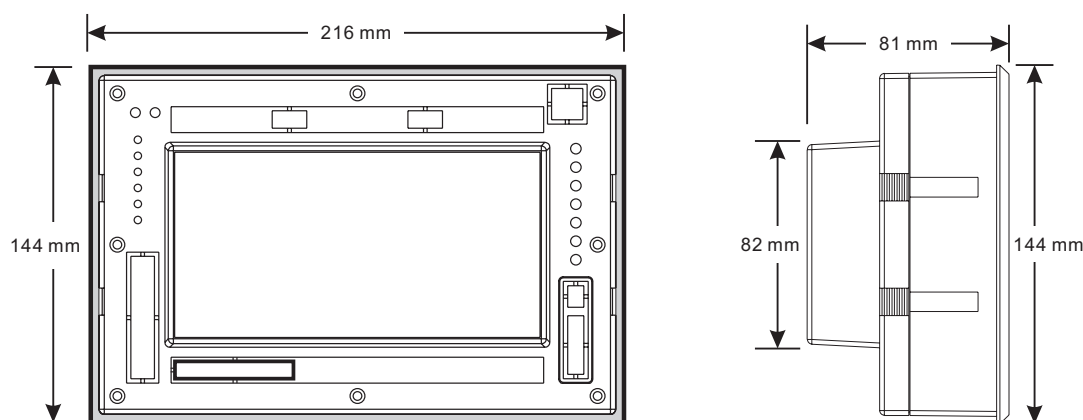
Input signal

- High water temperature switch
- Low oil pressure switch
- ATS switch
- Emergency stop
- Low water level
- Low fuel level

Specification

- DC Input
8~36V (DC)
- Measuring Frequency
Rated Min. voltage : 5V
Rated range : 0~80 Hz, 1%
- DC Voltmeter
Rated range : 10~32 V, 1%
- Power Consumption
Max. 5 W, 400mA@12V;200mA@24V
- Relay output
6 A/30 V
- Working Temperature
-30°C~60°C
- Storage Temperature
-40°C~70°C
- Dimension
216 mm x 144 mm x 81 mm
- Panel cut-out (W*H)
210 mm x 138 mm

Dimension



Wiring

