



GENERATOR CONTROLLER

Henz TG160



Introduction

HENZ TG160 is latest intelligent diesel generator controller of the HENZ series, which can work perfectly in 3 working modes: Auto, Test, OFF, and in case of power failure, it starts the generator automatically and switches the load between the mains and the generator with all the required protection aspects.

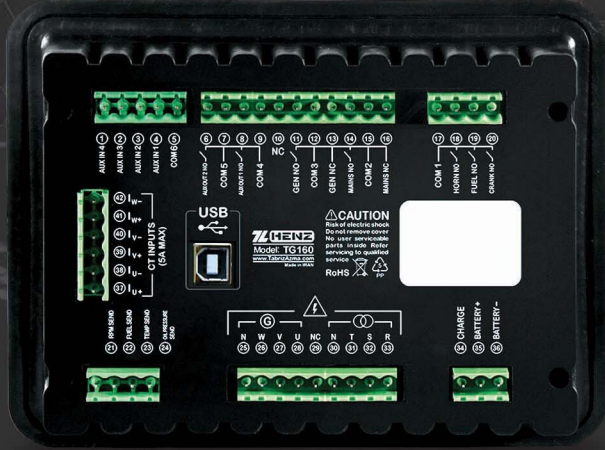
The perfect performance of the HENZ TG160 controller in sampling and controlling every single parameter of the generator will give you the opportunity of having a different level of protection.

Analyzing all the 3-phases voltage and current of the Mains and Generator beside advanced features like displaying power consumption, power factor, measured voltage and current waveforms, made HENZ TG160 a perfect choice in the domestic and international markets. Like all the controllers of HENZ series, TG160 comes with 24 months of worldwide guarantee and 5 years of after-sales service.

Features



- Auto start & stop
- Automatic Transfer Switch
- Mains and Generator's 3-phases
- Including LCD panel
- Customization and software update through USB port
- Presenting power consumption & power factor
- Measured voltage and current's wave graph
- Accurate parameterization through panel
- Remote Start, Emergency, Idle Speed and etc
- 9v to 30v DC power supply
- Perfect performance in 3phase and 1phase work mode
- Mains and Gen contactor relay output

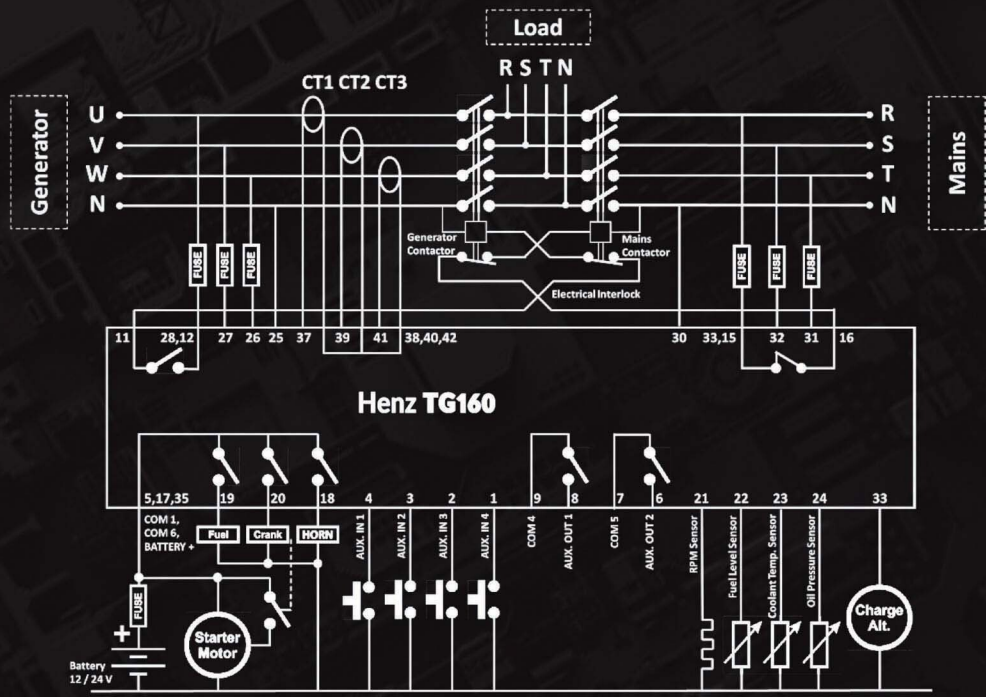


Inputs & Outputs



- 3-Phases of Mains & Generator voltage
- 3-Phases Generator's current
- 9v to 30v DC power supply
- Analogue inputs for Water Temp, Oil pre, and Fuel level
- DC supply voltage input
- Digital input of RPM sensor
- Digital input of Remote start
- Digital input Emergency stop
- CRANK relay output
- FUEL solenoid relay output
- HORN relay output
- MC & GC contactors' relay output
- CHARGE output

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Alarms



- Start Failure alarm
- Low & High RPM alarm
- Low & High voltage alarm
- over current alarm
- Battery Low & High voltage alarm
- Mains' Low & High voltage alarm
- Alternator Low voltage alarm
- Fuel Low level alarm
- Water's High Temp. alarm
- Low Water level alarm
- Low Oil Pressure alarm



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