



MCGSP-GENSYS Compact Mains GenSet Panel

ALL-IN-ONE GENERATOR CONTROLLER & MAINS PARALLELING PANEL

The MCGSP-GENSYS Compact Mains GenSet Panel is a complete panel solution that takes the CRE GENSYS Compact Mains Generator Controller to a new level. To complement the controller, we've added eight (8) 100mA 600VAC fuses for AC wiring, a convenience terminal block for wiring functions, an on/off toggle switch, a push/pull red mushroom emergency stop button, and shock mounts. All components are mounted comfortably inside a custom designed metal enclosure with a matte black/fine texture powder coat finish.

- Complete Engine Control of Diesel, Gasoline or Gas GenSets
- Alternative or Consecutive Multiple Starter Management
- Compatible with all J1939 Electronic Engines

This panel facilitates the CRE GENSYS Compact Mains GenSet Controller. The GENSYS Mains, a switchboard panel mounted version with display, is dedicated to a large variety of standby diesel or gas gensets, offering isolated speed and AVR outputs along with three (3) isolated communication ports: two (2) for CANbus, and one (1) for Ethernet.



The controller offers flexibility and time savings due to its simple wiring, diverse feature set, thoughtful engineering and easy programming.

Features

- Mains failure detection and No Break changeover with adjustable load transfer time and paralleling time
- Frequency and voltage control, compensation for generators with droop governors and/or AVR/DVR
- Warmup & cool down at idle or nominal speed
- Remote start and test mode available ON/OFF load
- New optimized PID loop with exceptional performance in synchronization, KW and KVAR control
- Mains permanent paralleling in Fix load and PF control. Isochronous & Iso-voltage or Droop mode
- Override mode (protections inhibition + dedicated hour meter) following NFE 37-312 certification
- Non-essential load control on overload
- Battery boost management
- Configurable maintenance cycle
- 2 password levels

Elite Integrators and Problem Solvers for Cutting Edge Industrial Applications