

Automatic Gen-Set Transfer Switching Controller

EAOM - 19

Features

- Protection, control and metering
- Automatic engine start / stop and load transfer
- Automatic shutdown on fault condition
- LED status and fault indication
- Simple push-button controlled operation
- Manual, automatic and test mode control
- Two user configurable inputs
- Fully programmable

Monitors

- Mains voltage (Phase-Phase, Phase-Neutral)
- Alternator voltage and frequency
- Battery voltage
- Error indication
- Program parameters

Fail Monitoring

- Alternator voltage and frequency
- Charging generator field current
- Engine temperature
- Oil pressure
- Low battery voltage

Controls

- Engine fuel supply or engine stopping
- Starter motor
- Automatic generator start
- Load transfer on mains failure
- Load transfer to mains
- External alarm horn

The EAOM-19 controller unit offers automatic engine starting, stopping, transfer switching, protection, control and metering of generator sets. In the event of a mains supply failure, the unit automatically transfers the load from the mains to the generator. Microprocessor technology allows exact measurement, set point adjustment and timing functions with the parameters to be simply programmed and displayed from the front panel.

