

Automatic Gen-Set Transfer Switching Controller with Metering

EAOM - 9F

Automatic Gen-Set Transfer Switching Controller without display

EAOM - 9F ND

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 - inputs configurable
- One user- output configurable
- Fully programmable
- RS-232 communication port
- Standard modem communication

Monitors (Only EAOM-9F)

- 3-phase mains supply voltage
- Alternator voltage
- Alternator frequency
- Engine Speed
- Battery voltage
- Engine running time
- Error Indication
- Program Parameters

Fail Monitoring

- Mains Supply Voltage
- Alternator Voltage and Frequency
- Engine Speed
- Engine Temperature
- Oil Pressure
- Charge Generator Voltage
- Engine StarOver Current
- Alternator
- Emergency Stop
- Maintenance Due
- Low Battery Voltage



Controls

- Engine fuel supply or Engine Stopping
- Starter motor
- Alarm horn
- Preheating
- Automatic generator start
- Load transfer on mains failure
- Return to mains
- Mains contactor
- Generator contactor

The EAOM-9F series 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 and co-ordinates return to mains and controlled generator shutdown when the mains supply is restored. The product is fully programmable from the front panel via an easy to use password protected menu, removing the need for special cables or computer equipment at remote locations, however, the RS-232 communication port allows remote monitoring and programming with PC based software. EAOM-9F can communicate with this software over modem.