

Genset Controller Flat, GC-1F

Complete diesel engine protection & control



The Genset Controller Flat (GC-1F) is a micro-processor based control unit featuring complete functionality in diesel engine protection and control.

The unit contains a 3-phase AC voltage measuring circuit for genset and mains and is equipped with a graphical display presenting all values and alarms.

The GC-1F can be supplied with a number of different options, and the robust hardware is suitable for applications ranging from emergency power to power plants. That means costs saved on training and maintenance.

Using a modem or AOP-2 (a remote annunciator), you can control or monitor gensets remotely with the RS-485 Modbus.

GC-1F features

- ▶ Auto start or Automatic Mains Failure applications
- ▶ Monitoring of electronic or non-electronic engines (J1939)
- ▶ Genset/Busbar control and protection
- ▶ 8 digital inputs, 3 multi-inputs (digital or analogue) and 8 relay outputs
- ▶ Modbus communication RS-485
- ▶ Configurable with DEIF Utility Software
- ▶ Graphical display (multi-language)
- ▶ Programmable logic (M-Logic)
- ▶ Additional Operator Panel (AOP-2)
- ▶ External I/O (option)
- ▶ ATS controller option

GC-1F type approvals

