Generator Protection Unit, GPU-3

Controller for PLC-based Power Management System

GPU-3 features

► Generator/busbar protection

► Synchronisation

► Multiple display units and operator panels possible

► Engine protection with back-up on shut-down channels

► Engine control and communication

GPU-3 type approvals

Easy to operate and configure, DEIF's Generator Protection Unit (GPU-3) is an ideal controller for PLC-based power management systems.

The GPU-3 offers comprehensive generator protection and synchronisation. Serial communication enables easy interfacing with PLCs, SCADA systems and more, and the unit features all necessary 3-phase measuring circuits and displays all values and alarms on a quality LCD screen.

Turning the GPU-3 into an engine control unit featuring start/stop and protection functionalities, the optional engine interface card also has a separate power supply and an independent microprocessor. In cases of GPU-3 processor break-downs, the engine interface card will enter into back-up mode and ensure uninterrupted engine supervision. In cases of shutdown alarms, the engine shuts down automatically, making it a reliable solution for control and supervision of gensets.

With free software download and upgrade at www.deif.com, it is possible to customise the application to suit your needs exactly: dedicate specific functions or logic conditions to different inputs and outputs and tune all sequences according to your requirements.