

Deep Sea Electronics' commitment to the customer does not end when the sale has been completed, its highly skilled workforce provides a 12-month warranty on all products. To improve the company's overall quality level, DSE promises to deliver the product within a few working days of receiving an order. Once the final assembly is completed, it tests each unit before it leaves the factory. The high level of performance is applied to the entire production. Supported by ISO 9002 certification, DSE assures all its customers that all products have passed the same stringent tests and production methods.

Generator start

Manual modules



701 MKII: Engine states indicated by LED: Low oil pressure, water temperature too high, overspeed, battery charge fault. Spark plug glow. The DSE701 MKII controller can be configured for automatic or manual group start using a free PC software, DSE suite configuration PC.

Automatic modules



3110: Auto start on digital input
Monitoring and motor protection
Parameter setting via PC (USB port)
6 configurable digital inputs
4 configurable outputs
Manual and auto mode
J1939
Optional CAN motor version.

Complete automatic modules



7310 MKII: Engine monitoring and protection
Parameter setting via PC (USB port) and front panel
CAN and MPU in the same module
Manual and auto mode
8 configurable and flexible digital inputs
6 Configurable analog inputs
8 outputs (8 in CAN, 6 in MPU, logic control on outputs)
3 GE phases
Last 100 events (FIFO)
Extended CAN information
Safety group
RS232 and RS485 port (Modbus RTU)
Modem
Remote monitoring by SCADA

Start and source inverter management

Automatic modules without display

4510/4520 MKII: Monitoring and motor protection



- Parameter setting via PC (USB port) and front panel
- AMF: Automatic transfer between mains and generator (DSE4520 MKII only)
- Compatible with a large number of CAN bus engines
- Generator/load power monitoring (kW,kVA, kVAR, FP), protection kW gen. and energy consumed (kWh,kVAh, kVARh)
- Engine speed protection, engine hour meter and engine preheating.

Complete automatic modules

7320 MKII: Monitoring and motor protection



- Parameter setting via PC (USB port) and front panel, CAN and magnetic pick-up in the same module, Manual and auto mode,
- 8 configurable and flexible digital inputs, 4 configurable analog inputs, 8 outputs (8 in Can, 6 in MPU), logic control on outputs,
- 3 phases GE and network, last 100 events (FIFO), extended Can Information, Security Group, RS232 and RS485 Port (Modbus RTU)
- Modem, SCADA remote monitoring
- Normal/Backup Module, Network Monitoring

Automatic start modules

8610 MKII: Synchronisation et répartition de charge



- Configuration via PC using USB, RS232, RS485 & Ethernet ports
- 4 configurable logic/analog inputs, 2 configurable potential-free relay outputs, 8 configurable DC outputs
- Configuration and monitoring (SCADA function)
- Monitoring and protection of the 3 generator phases

Source inverter management

Automatic modules without display

335: Monitors mains voltage and frequency and manages automatic transfer to different sources (GE and network)

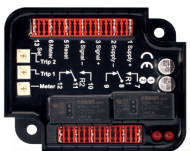


- Synchronization function
- Real time clock
- 10 configurable inputs
- 5 configurable outputs
- Event log (10)
- Configurable timer
- Automatic stop/warning when faults are detected
- Configuration via PC and front panel.

Tachometer

Advanced modules

103-MKII: Motor/machine speed control by detecting the magnetic signal emitted by a sensor.



- Relay settings possible to operate between 10% and 140% of the average motor operating speed.
- Flexible module for many applications such as under/over speed protection.