DSE**8680**
BUS-TIE CONTROLLER

FEATURES

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The DSE8680 module is designed to control a bus-tie breaker. The module manages the synchronising and check-sync across the breaker automatically, via the DSE MSC (Multi-set Communications) Link, when opening or closing the bus-tie breaker.

The DSE8680 module has been designed to work with the DSE8610 and DSE8710 Load Share control modules which support up to 32 generators and 8 mains (utilities) to provide a stand alone, fully integrated solution without the need for PLC.

With all communication ports capable of being active at the same time, the DSE8680 is ideal for a wide variety of demanding load share applications.

COMPREHENSIVE FEATURE LIST TO SUIT A WIDE VARIETY OF GEN-SET APPLICATIONS
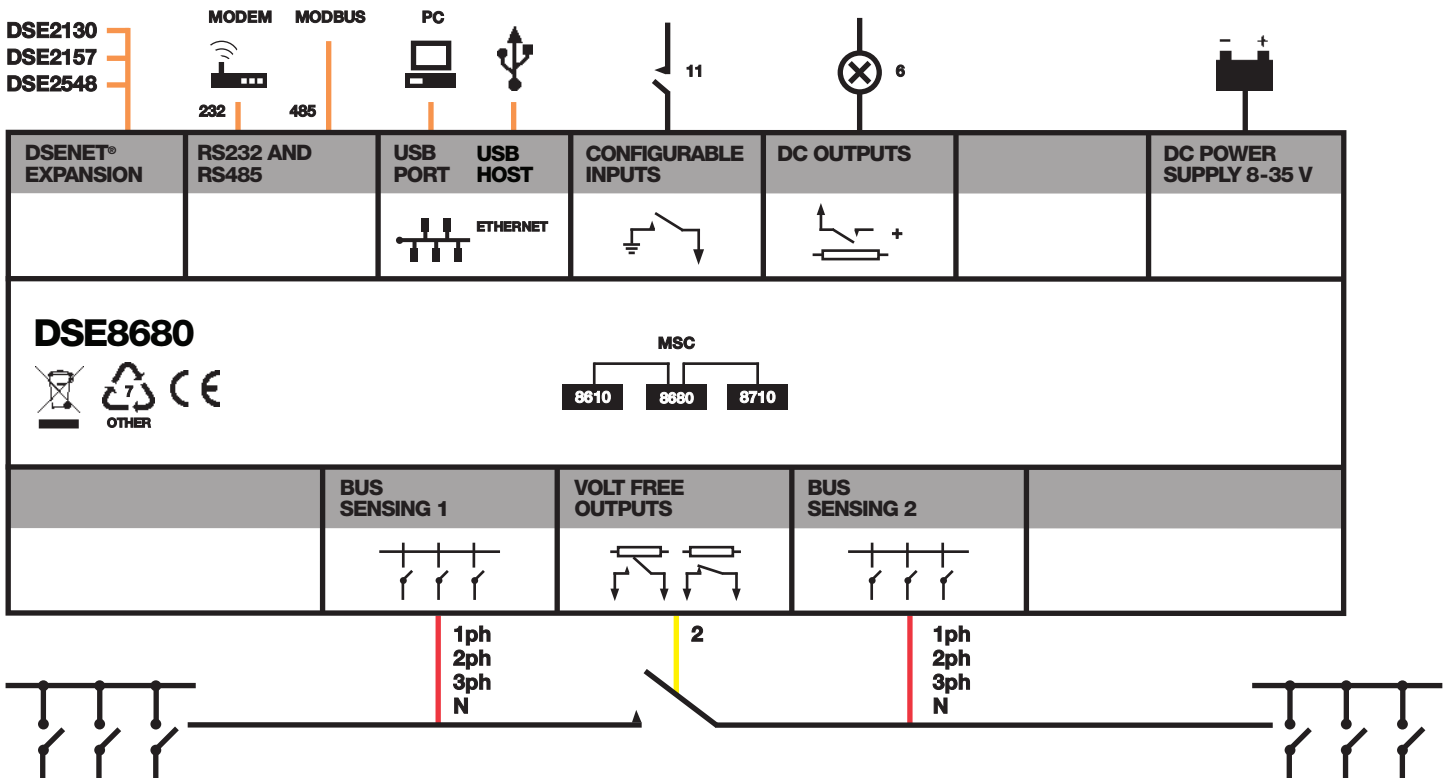
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FEATURES

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KEY FEATURES
- Controls one bus-tie in a system containing DSE8610 and/or DSE8710 controllers.
- Connects to two DSE MSC links, one for 'bus 1' and another for 'bus 2'
- RS232 & RS485 remote communications
- Modbus RTU
- Back-lit LCD 4-line text display
- Automatic start/Manual start
- Audible alarm
- Event log (250)

- Fault condition notification to a designated PC
- PC configuration
- Configurable alarms and timers
- SMS alert messaging

KEY BENEFITS
- Ethernet monitoring
- Automatic synchronising across the tie breaker
- Automatic control of the DSE MSC link when the breaker is opened/closed
- Instrumentation shows the status and measurements of both buses

- Built-in RS232 & RS485 can be used at the same time
- DSENet connection for system expansion
- High number of inputs and outputs
- Worldwide Language Support
- Configuration Suite PC Software via USB
- USB Host*
- Data Logging & Trending*
  * To follow

RELATED MATERIALS

TITLE	PART NO'S
DSE8680 Installation Instructions	053-082
DSE8680 Operator Manual	057-130
DSE8680 Configuration Suite PC Software Manual	057-131
DSE8610 Data Sheet	055-083
DSE8700 Series Data Sheet	055-090