



Product Change Notification: DSE8660 MKII

Part No: 8660-02



DSE8660 MKII

Related Products	Description	Part Number
Module Gasket	Rubber Gasket Seal for Module Front Panel	020-564
DSE890 MKII	DSEWebNet® / IoT Gateway 4G / Ethernet	0890-04
DSE8620 MKII	Auto Mains (Utility) Failure Controller	8620-02
DSE8610 MKII	Auto Start Controller	8610-02

New Features

Release Date: 16.05.24- v 7.9	
Added Feature	Feature Explanation
PLC lock editing PIN	Provides the user the ability to lock PLC programs created within the DSE SCADA software behind a PIN code to protect against unauthorised changes being made whilst the product is in use in the field.
Release Date: 13.10.22- v 7.8	
Added Feature	Feature Explanation
Continuous improvements.	Improve operating efficiencies.
Release Date: 07.04.22- v 7.7	
Added Feature	Feature Explanation
Updated support for DSE8003 MKII.	Continuous improvement for efficient operation.
PLC improvements.	Improved PIN number functionality. A PIN is required to read PLC information, enhancing security. New PLC instrumentation has been added including; number of engine starts, fault ride through count, kWh and kvarh and AVR de-excitation.
Improvements to multi-mains operations.	Improve operating efficiencies.
Release Date: 11.01.22- v 7.6	
Added Feature	Feature Explanation
Continuous improvements.	Improve operating efficiencies.
Release Date: 08.07.21- v 7.5	
Added Feature	Feature Explanation
New UL variant added. 8610 MKII Only.	This does not affect the 8660 MKII.
Release Date: 15.04.21- v 7.4	
Added Feature	Feature Explanation
Improvements to multi-mains operations.	Improve operating efficiencies.



New Features

Release Date: N/A- v 7.3	
Added Feature	Feature Explanation
Internal release only.	Internal development release. No customer facing changes.
Release Date: 03.02.21- v 7.2	
Added Feature	Feature Explanation
Config file read locking.	To enhance module security PIN number can be configured to read a configuration file.
Release Date: 22.12.20- v 7.1	
Added Feature	Feature Explanation
Updated support for DSE8003 MKII.	Continuous improvement for efficient operation.
Release Date: 13.01.20- v 6.1.3	
Added Feature	Feature Explanation
Major enhancements to advanced PLC editor.	The PLC editor has been completely redesigned. It has a brand new look and feel and offers enhanced functionality for the user, through the addition of new function blocks. The PLC editor is accessed via DSE configuration suite software. The PLC software now opens within its own operating window. This allows the PLC and configuration suite windows to remain open at the same time.
Load demand scheme improvements.	Enhancements to the load demand scheme have been added to improve the capability of working with different sized sets. The scheme is based on the actual power that a set is generating.
Ramping scheme improvements.	The ability to ramp down to zero power is now available. A new timer has been added that starts when the ramp-down starts. When the timer expires the ramp is terminated to enable the set to be off-load in minimum time.
Display sets on load on modules LCD.	Enhancements have been made to the pages that show the modules MSC link. The modules MSC ID and which sets are on load are now visible.
Power curve simulation.	Simulation injection testing has been added to the tools menu in the DSE Configuration Suite Software. This feature allows users to demonstrate power curves.
Configurable engine icons.	The engine instrumentation page has been modified so the DTC related icon screen is user configurable. The user has been given the option to define the icons and conditions.
Serial port settings added to front panel editor.	RS232 and RS485 settings for Slave ID and Baud Rate have been added to the front panel editor. A new page "Editor - Communications" has been added which contains 4 screens (RS232 Baud, RS232 Slave ID, RS485 Baud, RS485 Slave ID).
Release Date: 15.03.18 - v 4.1.2	
Added Feature	Feature Explanation
Filter Mains (Utility) Voltage Display.	Enables the control module to display an average mains (utility) voltage reading on the display screen in operating environments where the voltage readings are constantly changing.
Filter Bus Voltage Display.	Enables the control module to display an average bus voltage reading on the display screen in operating environments where the voltage readings are constantly changing.

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**New Features**

Release Date: 23.10.17 - v 3.0	
Added Feature	Feature Explanation
New power modes for when in parallel with the mains.	Provides the ability to affect the local mains voltage by changing the amount of kvar produced. New regulations (RFG/P1547) require power and var outputs to be varied depending on the frequency and voltage.
Redundant MSC communication wired to CAN ports.	Hot swappable redundant MSC.
True manual breaker control when in manual mode.	The breaker can now be configured to not close automatically based on remote start inputs etc..
Native no bus breaker support for signal ATS applications.	Enables the module to work with a single breaker without a second breaker needing to be present.
Separate ramp up and ramp down rates configurable via PLC.	Add the ability to configure the engine to ramp up and ramp down at different rates for different application circumstances.
In-built SNMP.	Removes the requirement for an additional SNMP device to connect to SNMP systems.
Battery chargers on DSENet®.	Provides full support for intelligent DSE chargers and enable charger status information to be displayed on module front screen.
Update communication status screens.	More information has been added to the front panel display.

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Current Module Software Version

Version	Date	Comments
V 7.9	16.05.2024	Software upgraded to provide functionality for all new features.
V 7.8	13.10.2022	Software upgraded to provide functionality for all new features.
V 7.7	07.04.2022	Software upgraded to provide functionality for all new features.
V 7.6	11.01.2022	Software upgraded to provide functionality for all new features.
V 7.5	08.07.2021	Software upgraded to provide functionality for all new features.
V 7.4	15.04.2021	Software upgraded to provide functionality for all new features.
V 7.3	N/A	Software upgraded to provide functionality for all new features.
V 7.2	03.02.2021	Software upgraded to provide functionality for all new features.
V 7.1	22.12.2020	Software upgraded to provide functionality for all new features.
V 7.0	22.05.2020	Software upgraded to provide functionality for all new features.
V 6.1.3	13.01.2020	Software upgraded to provide functionality for all new features.
V 5.0.7	15.10.2018	Software upgraded to provide functionality for all new features.
V 4.1.2	15.03.2018	Software upgraded to provide functionality for all new features.
V 3.0	23.10.2017	Software upgraded to provide functionality for all new features.