

DSE8610 MKII Synchronising & Load Sharing Auto Start Control Module

Part Number: 8610-02



Release Date: 11.11.2025 - v7.14.3	
Change Category	Explanation
Software Change	- Continuous improvements.
Release Date: 07.07.2025 - v7.14.0	
Change Category	Explanation
Function Added	- CAN driver updated. - SNMP updated.
Release Date: 16.04.2025 - v7.13.4	
Change Category	Explanation
Function Added	- Updated language files. - Changes to phase rotation code to stop alarms when on low voltage.
Release Date: 05.02.2025 - v7.13.3	
Change Category	Explanation
Function Added	- Continuous improvements
Release Date: 15.11.2024 - v7.11.1	
Change Category	Explanation
Software Change	- Additional form in fuel alarms added to DSE Configuration Suite software. - Additional alarm string for open sensor fuel alarm.

Release Date: 26.06.2024 - v7.10.0	
Change Category	Explanation
Software Change	- Continuous improvements.
Release Date: 16.05.2024 - v7.9.0	
Change Category	Explanation
Function Added	- Ability to lock PLC programs created within the DSESCADA software behind a PIN code.
Release Date: 12.01.2024 - v7.8.17	
Change Category	Explanation
Function Added	<ul style="list-style-type: none"> - Added generator phase rotation delay for dead bus synchronising. - Increased delay timer range for improved flexibility. - Added ability to stop the generator from a secondary location in an emergency situation.
Release Date: 24.07.2023 - v7.8.12	
Change Category	Explanation
Software Change	- Continuous improvements
Release Date: 07.04.2022 - v7.7.6	
Change Category	Explanation
Support Added	<ul style="list-style-type: none"> - Remote display functionality added to the DSE8610 MKII. - Updated support for DSE8003 MKII. - The DSEG0123 is now compatible with the DSE86xx MKII controllers.
Function Added	- Improved PIN number functionality. New PLC instrumentation has been added including; number of engine starts, fault ride through count, kWh and kvarh and AVR de-excitation.
Release Date: 11.01.2022 - v7.6.2	
Change Category	Explanation
Software Change	- Continuous improvements.
Release Date: 03.02.2021 - v7.2.4	
Change Category	Explanation
Function Added	- PIN number can be configured to read a configuration file to enhance module security.
Release Date: 22.12.2020 - v7.1.4	
Change Category	Explanation
Support Added	- Updated support for DSE8003 MKII.
Release Date: 22.05.2020 - v7.0.7	
Change Category	Explanation
Function Added	<ul style="list-style-type: none"> - CAN AVR support added. - Information can now be defined by the user for transmission on the existing MSC link to all DSE8610 MKII and DSE8660 MKII control modules connected to the same bus. - Alternative load demand function added. Users can choose between the pre V6 load demand scheme and the new enhanced load demand scheme.
Support Added	- Continuous improvements.

Release Date: 13.01.2020 - v6.1.3	
Change Category	Explanation
Software Added	<ul style="list-style-type: none"> - The PLC editor has been redesigned, offering 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. Allowing the PLC and configuration suite windows to remain open at the same time. - kW and kvar full load ratings in the DSE Configuration Suite Software can now be overridden by GenComm registers. When overridden the system will behave exactly as if the de-rated values were set in the Configuration Suite. - Two new instrumentation pages have been added to be visible when either power or var de-rating is enabled. - Simulation injection testing has been added to the tools menu in the DSE Configuration Suite Software. This feature allows users to demonstrate power curves.
Function Added	<ul style="list-style-type: none"> - 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. - The ability to ramp down to zero power added. A new timer will now start when the ramp-down starts. When the timer expires the ramp is terminated to enable the set to be off-load in minimum time. - 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. - 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.
Release Date: 25.03.2020 - v5.1.21	
Change category	Explanation
Software Change	- Continuous improvements.
Release Date: 11.10.2018 - v5.0.7	
Change category	Explanation
Function Added	<ul style="list-style-type: none"> - Added a D term to the existing P & I. - Power and reactive power control rate has been modified for improved performance with electronic engines. - Power and reactive control delay reduction. This feature has been modified for improved performance with electronic engines. - A separate PID has been added when in parallel with the grid.
Software Added	<ul style="list-style-type: none"> - The graphical user interface has been moved to a new location within the DSE Configuration Suite Software. - DSESCADA now shows how many generators are on load. This feature is useful to show how many sets you have on load versus how many you think may be required.
Release Date: 18.10.2018 - v4.2.6	
Change Category	Explanation
Software Change	- Continuous improvements.

Release Date: 23.10.2017 - v3.0.28	
Change Category	Explanation
Function Added	<ul style="list-style-type: none"> - 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. - 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. - An alarm condition added to detect if water has entered the fuel tank. - An alarm condition added to detect if fuel is present in the overflow tank. - 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 circumstance. - In-built SNMP. Removes the requirement for an additional SNMP device to connect to SNMP systems. - Configurable CAN transmit & receive. Provides the ability to configure extra information to be sent or received over the CANbus link to support third party instrumentation.
Software Added	- Configurable CAN message time-outs. Provides the user with the functionality to increase the stability of the CANbus messaging system.
Support Added	- Provides full support for intelligent DSE chargers and enable charger status information to be displayed on module front screen.
Design Change	- More information has been added to the front panel display.
Release Date: 15.04.2016 - v1.3.24	
Change category	Explanation
Product Release	- Initial release.

DSE8610 MKII Synchronising & Load Sharing Auto Start Control Module

Part Number: 8610-UL



Release Date: 21.07.2023 - v7.8.13	
Change Category	Explanation
Software Update	- Continuous improvements.
Release Date: 08.07.2021 - v7.5.6	
Change Category	Explanation
Hardware Change	- DSE8610-U1 released to comply with new UL PDC (Paralleling Device Control) standard.