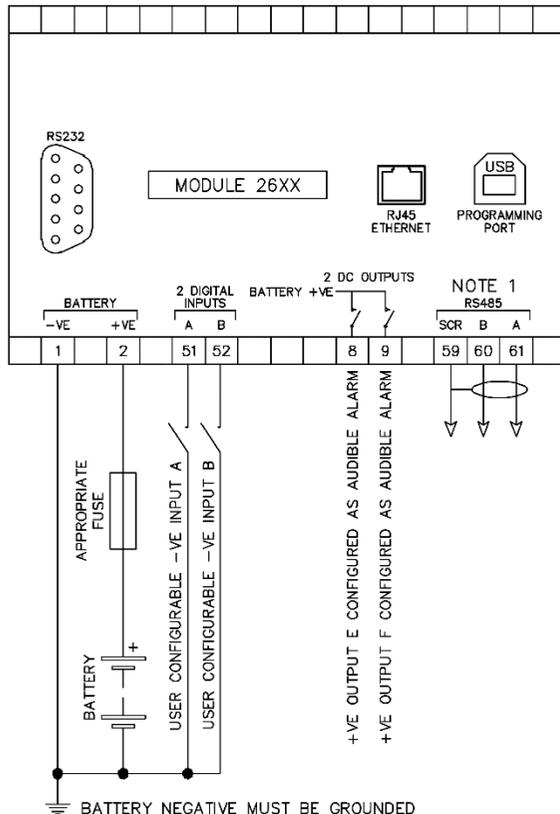


TYPICAL WIRING DIAGRAM

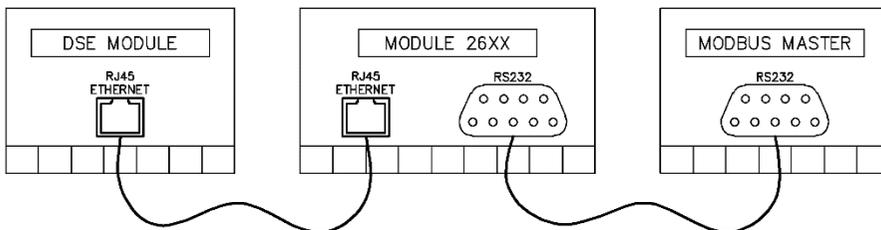
NOTE: A larger version of the Typical Wiring Diagram is available in the product's operator manual, refer to DSE Publication: 057-346 *DSE2610 Operator Manual* available from www.deepseaelectronics.com for more information.



BATTERY NEGATIVE MUST BE GROUNDED

NOTE 1. IF THE MODULE IS FIRST OR LAST UNIT ON THE LINK IT MUST BE FITTED WITH AN EXTERNAL 120 OHM TERMINATION RESISTOR ACROSS TERMINALS A AND B.

NOTE 2. MUST BE FITTED AS FIRST OR LAST UNIT ON THE LINK WITH NO EXTERNAL TERMINATION RESISTOR



DEEP SEA ELECTRONICS DSE2610 INSTALLATION INSTRUCTIONS

ACCESSING THE 'RUNNING' CONFIGURATION EDITOR

NOTE: Accessing the 'Running' Configuration Editor on the DSE2610 module does not cause the host DSE controller to enter its 'Running' Configuration Editor.

- The 'Running' Configuration Editor can be entered without stopping the engine. All protections remain active whilst using the 'Running' Configuration Editor.
- Press and hold the (Tick) button to enter the 'Running' Configuration Editor.

EDITING A PARAMETER

NOTE: If the editor is left inactive for the duration of the *LCD Page Timer*, it is automatically exited.

- Enter the editor as described above.
- Press the (Right) or (Left) buttons to cycle to the section to view/change.
- Press the (Up) or (Down) buttons to select the parameter to view/change within the currently selected section.
- To edit the parameter, press the (Tick) button to enter edit mode. The parameter begins to flash to indicate editing.
- Press the (Up) or (Down) buttons to change the parameter to the required value.
- Press the (Tick) button to save the value. The parameter ceases flashing to indicate that it has been saved.
- To exit the editor and save the changes, press and hold the (Tick) button.

Deep Sea Electronics Ltd.

Tel: +44 (0)1723 890099

Email: support@deepseaelectronics.com

Web: www.deepseaelectronics.com

Deep Sea Electronics Inc.

Tel: +1 (815) 316 8706

Email: USAsupport@deepseaelectronics.com

Web: www.deepseaelectronics.com

'RUNNING' CONFIGURATION EDITOR PARAMETERS

Section	Parameter As Shown On Display	Value
Display	Contrast	0 %
	Language	English, Other
	Load Demand Priority	1
	Commissioning Screens	Active / Inactive
	Override Starting Alarms	Active / Inactive
	Voltage Adjust (manual mode only, breaker open)	0 %
	Frequency Adjust (manual mode only, breaker open)	0 %
	Mains Decoupling Test Mode	Active / Inactive
	Voltage and Frequency Injection Testing	Active / Inactive (Remains active for 3 minutes)
Engine	Governor Gain	0.0
	Frequency Adjust Offset	0.0 Hz
	DPF Auto Regen Inhibit	Active / Inactive
	DPF Manual Regen	Active / Inactive
Power Levels	Power Control Mode	Const Power / Frequency-Power / Voltage-Power
	kVAr Control Mode	Const Power Factor / Voltage-Reactive Power / Power-Power Factor / Const Reactive Power
	Load Parallel Power	0 %
	Load Parallel kVAr	0 %
	Load Parallel PF	0.00 pf
	Frequency Droop Offset	0.00 % (0.00 Hz)
	Freq. Droop Ramp Rate	0.0 %
	Voltage Droop Offset	0.00 % (0.0 V)
	Voltage Droop Ramp Rate	0.0 %
About	Variant	2610
	Application	V0.0.0
	USB ID	0
	Bootloader	V0.0.0

FIXING CLIPS

NOTE: In conditions of excessive vibration, mount the control panel on suitable anti-vibration mountings

The module is held into the control panel fascia using the supplied fixing clips.

- Withdraw the fixing clip screw (turn anticlockwise) until only the pointed end is protruding from the clip.
- Insert the three 'prongs' of the fixing clip into the slots in the side of the DSE module's case.
- Pull the fixing clip backwards (towards the back of the module) ensuring all three prongs of the clip are inside their allotted slots.
- Turn the fixing clip screws clockwise until they make contact with the panel fascia.
- Turn the screws a quarter of a turn to secure the module into the control panel's fascia. Care must be taken not to over tighten the fixing clip screws.

REQUIREMENTS FOR UL CERTIFICATION

Specification	Description
Screw Terminal Tightening Torque	<ul style="list-style-type: none"> • 4.5 lb-in (0.5 Nm)
Conductors	<ul style="list-style-type: none"> • Terminals suitable for connection of conductor size 13 AWG to 20 AWG (0.5 mm² to 2.5 mm²). • Conductor protection must be provided in accordance with NFPA 70, Article 240 • Low voltage circuits (35 V or less) must be supplied from the engine starting battery or an isolated secondary circuit. • The communication, sensor, and/or battery derived circuit conductors shall be separated and secured to maintain at least ¼" (6 mm) separation from the generator and mains connected circuit conductors unless all conductors are rated 600 V or greater.
Communication Circuits	<ul style="list-style-type: none"> • Must be connected to communication circuits of UL Listed equipment
DC Output Pilot Duty	<ul style="list-style-type: none"> • 0.5 A
Mounting	<ul style="list-style-type: none"> • Suitable for flat surface mounting in Type 1 Enclosure Type rating with surrounding air temperature -22 °F to +122 °F (-30 °C to +50 °C) • Suitable for pollution degree 3 environments when voltage sensing inputs do not exceed 300 V. When used to monitor voltages over 300 V device to be installed in an unventilated or filtered ventilation enclosure to maintain a pollution degree 2 environment.
Operating Temperature	<ul style="list-style-type: none"> • -22 °F to +122 °F (-30 °C to +50 °C)

DIMENSIONS AND MOUNTING

Parameter	Specification
Dimensions	245 mm X 184 mm X 51 mm (9.6" X 7.2" X 2.0")
Panel Cutout	220 mm X 160 mm (8.7" X 6.3")
Weight	0.98 kg (2.16 lb)
Operating Temperature	-30 °C to +70 °C (-22 °F to +158 °F)
Storage Temperature	-40 °C to +80 °C (-40 °F to +176 °F)

