ADJUSTABLE PARAMETERS

Section	Parameter as shown on	Values	
Input settings		0bar - 4bar (1.17bar)	
input settings	Oil Pressure Shutdown	0bar - 4bar (1.03bar)	
	High Coolant Temp Pre Alarm	80°C - 140°C (115°C)	
	High Coolant Temp Shutdown	80°C - 140°C (120°C)	
	Low Coolant Temp Alarm	67°C - 137°C (disabled)	
	Low Fuel Level Alarm	0% - 100% (<i>disabled</i>)	
Timers	Gen Transient Delay	0 -10s (0s)	
	Start Delay	0 - 60m (5s)	
	Pre Heat Time	0 - 60m (0s)	
	Crank Time Crank Rest Time	0 - 60s (10s) 0 - 60s (10s)	
	Safety On Delay	0 - 30s (10s)	
	Overspeed Overshoot Delay	0 - 10s (<i>0</i> s)	
	Warm Up Time	0 - 60m (0s)	
	Return Delay	0 - 60m (30s)	
	Cooling Run Time	0 - 60m (1m)	
	Fail To Stop Delay	0 - 30s (30s)	
	Low Battery Delay	0- 10m (1m)	
	High Battery Delay	0 -10m (1m)	
	Gen Reverse Power Delay	0-30s (2s)	
Generator	Generator Under Voltage Shutdown	50V-360V ph-N (184V)	
	Generator Under Voltage Pre Alarm Generator Nominal Voltage	50V-360V ph-N (196V) 52V-330V(230V)	
	Generator Over Voltage Pre Alarm	50V-360V ph-N (265V)	
	Generator Over Voltage Shutdown	50V-360V ph-N (277V)	
	Generator Under Frequency Shutdown	0Hz - 75Hz (40Hz)	
	Generator Under Frequency Pre Alarm	0Hz - 75Hz (42Hz)	
	Generator Nominal Frequency	0Hz - 74Hz (50Hz)	
	Generator Over Frequency Pre Alarm	0Hz - 75Hz (55Hz)	
	Generator Over Frequency Shutdown	0Hz - 75Hz (57Hz)	
	Generator Over Current Trip	100% - 200% full load rating (100%)	
	Generator Short Circuit Trip	50% - 300% full load rating (200%)	
	Generator Reverse Power Trip	0% - 200% full load rating (35kW)	
Engino	Earth Fault Trip Engine Underspeed Shutdown	1% - 100% full load rating (10%) ORPM - 6000RPM (disabled)	
Engine	Engine Underspeed Pre Alarm	0RPM - 6000RPM (disabled)	
	Engine Overspeed Pre Alarm	0RPM - 6000RPM (disabled)	
	Engine Overspeed Shutdown	0RPM - 6000RPM (disabled)	
	Overspeed Overshoot	0% - 10% (0%)	
	Plant Battery Under Volt Alarm	0V - 40 V (10V)	
	Plant Battery Over Volt Alarm	0V - 40 V (30V)	
	Charge Alternator Failure Alarm	0V - 40 V (6V)	
Display	Language	ENGLISH, OTHERS	
AC System	Alternative Frequency	Enable, <i>Disable</i>	
	Alternative Voltage AC System	Enable, <i>Disable</i>	
	AC 3y3 celli	3 Phase 4 wire	
		1 Phase 2 wire 3 phase 3 wire	
		2 phase 3 wire L1 & L2	
		3 phase 4 wire EDISON DELTA	
		2 phase 3 wire L1 & L3	
	Generator Full Load Current	0A - 8000A (500A)	
	Droop	Enable, Disable	
	Droop %	0% - 5%	Electronic engines only who
			Droop is enabled
Display	Contrast	□ ■	
Clock	Date and Time	dd mmm yyyy hh:mm:ss	
Misc.	Run Priority	1-16 <i>(1)</i>	<u> </u>
	Auto Scroll Time	0 - 10s (2.0s)	
CT	Generator CT Primary Rating	0A - 8000A (600A)	Power Cycle After Exit
	Generator CT Secondary Rating	1A, 5A	Power Cycle After Exit
Power	Full kw Rating	0MW - 20MW (345kW)	Power Cycle After Exit
	Full kVAr Rating	0MVA - 20MVAr (258kVAr)	Power Cycle After Exit
	Load Ramp Rate	0% - 100% (3.0%)	1
	Load Level For More Sets	0% - 100% (80%)	+
	Load Darallol Bower	0% - 100% (70%) 0% - 100% (172kW)	+
	Load Parallel Power	0% - 100% (1/2kW) 0% - 100% (1.0pfF 0kVAr 0%)	+
	Load Power Factor Ramp with P123 present	0% - 100% (1.0pr- 0kv Ar 0%) Enable, Disable	1
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DEEP SEA ELECTRONICS 5510 INSTALLATION INSTRUCTIONS

053-008 ISSUE 9

ACCESSING THE FRONT PANEL CONFIGURATION EDITOR

 Ensure the engine is at rest and the module is in STOP mode by pressing the Stop/Reset button.



- Press the Stop/Reset and Info buttons simultaneously.
- If a module security PIN has been set, the PIN number request is then shown (The first * is flashing):
- Press + or buttons to adjust it to the correct value. Press ✓ when the first digit is correctly
 entered. Repeat this process for the other digits of the PIN number.
- When ✓ is pressed after editing the final PIN digit, the PIN is checked for validity. If the number is not correct, the editor is automatically exited. To retry you must re-enter the editor as described above.
- If the PIN has been successfully entered (or the module PIN has not been enabled), CONFIGURATION is displayed:

CONFIGURATION

EDITING A PARAMETER

- Enter the editor as described above.
- Press the + and buttons to cycle to the parameter you wish to change.

CONFIGURATION
Oil pressure pre-alarm
2bar 30PSI 200kPa

- Press the ✓ button to enter edit mode. When in edit mode (indicated by the flashing parameter)
- Pressing the + and buttons will adjust the parameter to the desired value.
- For date and time editing only: press (to select between day, month, year, hours and minutes.
- Press the ✓ button to 'save' the value. The value will stop flashing to confirm that it has been saved.
- To select another value to edit, press the + button. Continuing to press the + and buttons will cycle through the adjustable parameters as shown overleaf.
- To exit the front panel configuration editor at any time, press the Stop/Reset

 button. Ensure you have saved any changes you have made by pressing the ✓ button first.

ANOTE: - When the editor is visible, it is automatically exited after 5 minutes of inactivity to ensure security.

ANOTE: - The PIN number is automatically reset when the editor is exited (manually or automatically) to ensure security.

A NOTE: - More comprehensive module configuration is possible using the 5xxx series PC configuration software in conjunction with the P810 PC interface. Please contact us for further details.

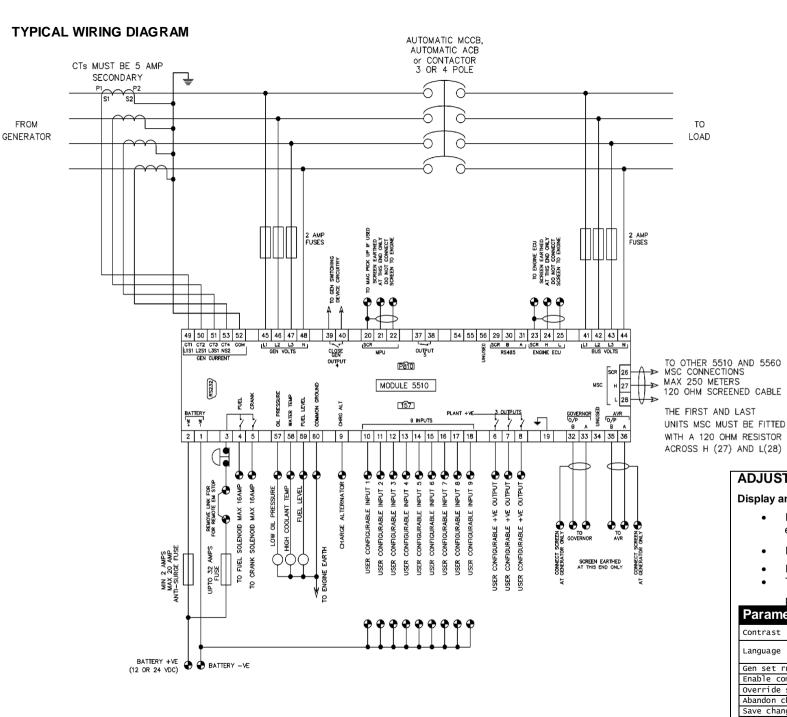
ANOTE: - Languages are subject to change as the modules are updated. Please contact us for the list of latest supported languages.

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DIMENSIONS

240mm x 172mm x 57mm (9.5" x 6.8" x 2.25")

PANEL CUTOUT:

220mm x 160mm (8.7" x 6.3")

(7 lb / sq in)

SCREW TERMINALS

Suitable for: 0.6mm² - 1.3mm² (22 - 16 AWG) Tightening torque: 0.8Nm

WITH A 120 OHM RESISTOR

ADJUSTABLE PARAMETERS Continued

Display and Engine running settings editor

- Press the **OO** buttons simultaneously to enter the editor.
- Press button to cycle round the available parameters.
- Press **OO** to change the visible parameter.
- To exit select Abandon or Save changes and exit and nress either OO hutton

Parameter	Values	
Contrast		
Language	ENGLISH, OTHERS	
Gen set run priority	1-16 (1)	
Enable commissioning screens?	YES, NO	
Override starting alarms?	YES, NO	
Abandon changes & exit		
Save changes & exit		