DEEP SEA ELECTRONICS

5560 INSTALLATION INSTRUCTIONS

ADJUSTABLE PARAMETERS (Factory default settings are shown in bold italicised text)

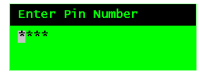
Section	Parameter as shown on display	Values
Timers	Mains Transient Delay	0-10s (***2s***)
	Start Delay	0 -60m (***5s***)
	Transfer Delay	0-10s (***0.75s***)
	Return Delay	0 -60m (***30s***)
	Low Battery Delay	0-10m (***1m***)
	High Battery Delay	0-10m (***1m***)
Mains	Mains Under Voltage Alarm	50V-360V ph-N (***184V***)
	Mains Over Voltage Alarm	50V-360V ph-N (***276V***)
	Mains Under Frequency Alarm	0Hz -75Hz (***45Hz***)
	Mains Over Frequency Alarm	0Hz -75Hz (***55Hz***)
System	Plant Battery Under Volt Alarm	0-40V (***10V***)
	Plant Battery Over Volt Alarm	0-40V (***30V***)
Misc	Language	***ENGLISH***, OTHER
	Alternative Frequency	Enable, ***Disable***
	Alternative Voltage	Enable, ***Disable***
	AC System	***3phase 4wire***, Single phase 2 wire, 3 phase 3wire, 2 phase 3 wire L1&L2, 3 phase 4 wire ED 2 phase 3 wire L1&L3
	Contrast	□ | ■
	Date and Time	dd mmm yyyy hh:mm
	Auto Scroll Time	0-10s (***2.0s***)
	Mains CT Primary Rating	5A-6000A (***600A***)
	Mains CT Secondary Rating	1A, ***5A***
	Load Ramp Rate	0.1% - 100% (***2.0%***) (% per sec)

DISPLAY SETTINGS

- Press the ▲▼ buttons simultaneously to enter the editor.
- Press ⓘ button to cycle round the available parameters.
- Press ▲▼ to change the visible parameter.
- To exit select ***Abandon*** or ***Save*** *changes and exit* and press either ▲▼ button.

Parameter	Values
Contrast	□ | ■
Language	***ENGLISH***, OTHERS
Enable commissioning Screens?	YES, ***NO***
Abandon changes & exit	
Save changes & exit	

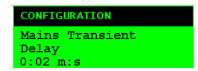
ACCESSING THE FRONT PANEL CONFIGURATION EDITOR



- 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 :

EDITING A PARAMETER

- Enter the editor as described above.
- Press the **+** and **–** buttons to cycle to the parameter you wish to change.
- Press the ✓ button to enter edit mode. The parameter will flash to show edit mode is active (in this instance, "0:02 m:s" is flashing)



- Pressing the **+** and **–** buttons will adjust the parameter to the desired value. If you have mistakenly changed the value, press the Stop/Reset ⊙ button once to return the parameter to the previously stored value and exit the edit mode back to parameter selection.
- 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.

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

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

⚠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.

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

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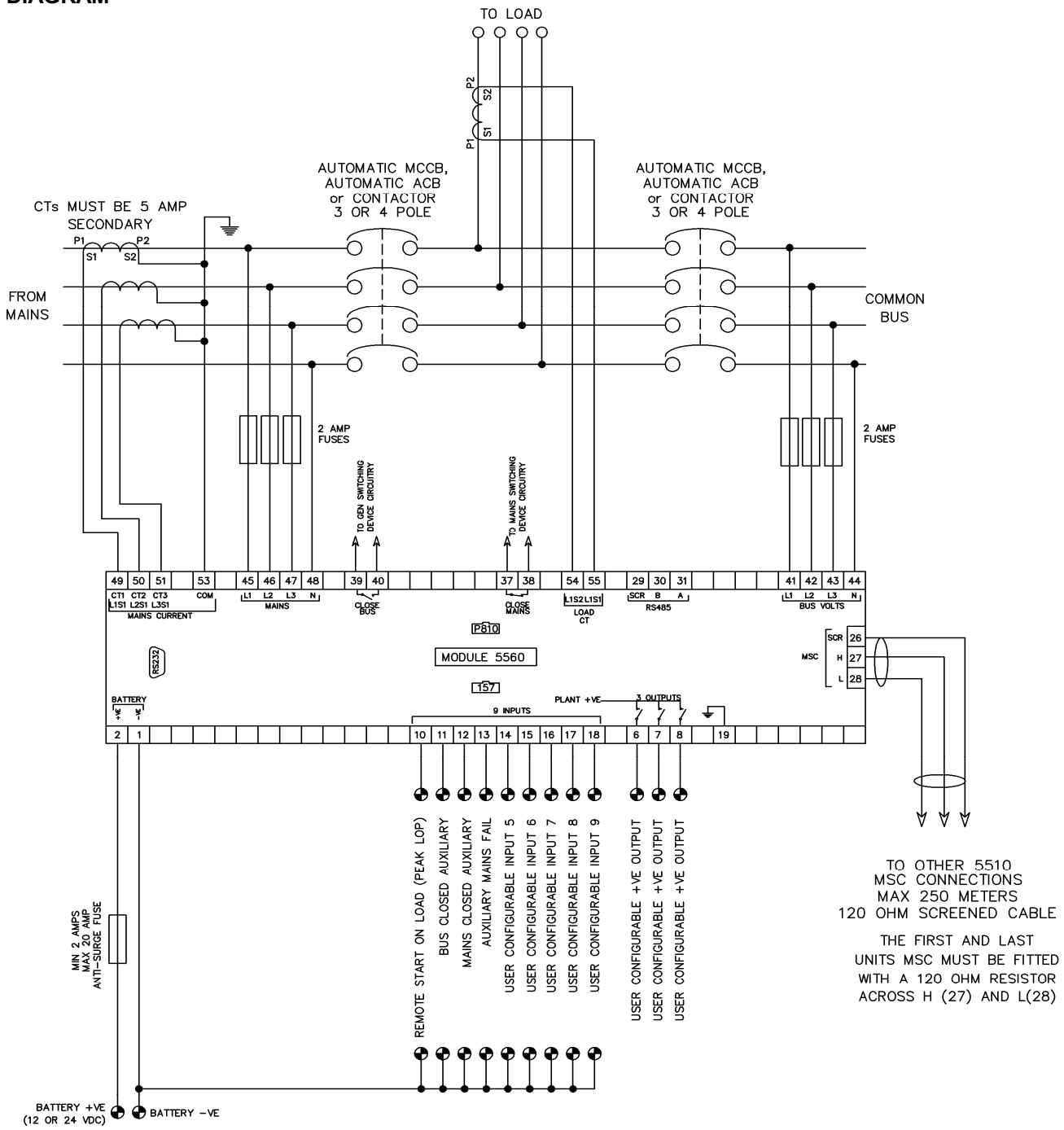
TYPICAL WIRING DIAGRAM



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

PANEL CUTOUT :
220mm x 160mm
(8.7" x 6.3")

SCREW TERMINALS
Suitable for : 0.6mm² - 1.3mm²
(22 – 16 AWG)
Tightening torque : 0.8Nm
(7 lb / sq in)