



5310 INSTALLATION INSTRUCTIONS

ACCESSING THE FRONT PANEL CONFIGURATION EDITOR

- Press the Stop/Reset **⊖** and Info **i** 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) the first configurable parameter is displayed :

CONFIGURATION

ENTER PIN

CONFIGURATION

Oil pressure pre-alarm

2bar 30PSI 200kPa

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. 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.

CONFIGURATION

Oil pressure pre-alarm

2bar 30PSI 200kPa

⚠ 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.

Section	Parameter	Display shows	Values	
Input settings	Low Oil Pressure warning	Oil pressure pre-alarm	0-4bar (1.17bar)	
	Low Oil Pressure shutdown	Oil pressure shutdown	0-4bar (1.03bar)	
	High Temperature warning	Coolant temp pre-alarm	80-140°C (110°C)	
	High Temperature shutdown	Coolant temp shutdown	80-140°C (120°C)	
	Generator transient delay	Gen transient delay	0-10s (0s)	
	Start delay	Start delay	0-60m (5s)	
	Return delay	Return delay	0-60m (30s)	
	Preheat	Preheat	0-60m (5s)	
	Crank attempt	Cranking time	0-60s (10s)	
	Crank rest	crank rest	0-60s (10s)	
	Safety delay	Safety on	0-30s (10s)	
	Overspeed overshoot	Overspeed overshoot	0-10s (0s)	
	Warming up	warm up	0-60m (0s)	
	Cooling run	Cooling	0-60m (60s)	
	Fail to stop delay	Fail to stop	0-30s (30s)	
Generator	Low battery volts delay	Battery low delay	0-10m (30s)	
	High battery volts delay	Battery high delay	0-10m (30s)	
	Generator Under voltage shutdown	Gen low voltage shutdown	50-360V pH-N (184V)	
	Generator Under voltage prealarm	Gen low voltage prealarm	50-360V pH-N (196V)	
	Generator Over voltage prealarm	Gen high voltage prealarm	50-360V pH-N (253V)	
	Generator Over voltage shutdown	Gen high voltage shutdown	50-360V pH-N (265V)	
	Generator Under frequency shutdown	Gen low frequency shutdown	0-75Hz (40Hz)	
	Generator Under frequency prealarm	Gen low frequency prealarm	0-75Hz (42Hz)	
	Generator Over frequency prealarm	Gen high frequency prealarm	0-75Hz (55Hz)	
	Generator Over frequency shutdown	Gen high frequency shutdown	0-75Hz (57Hz)	
	Generator delayed overcurrent	Delayed high current	100-200% (100%)	
	Engine	Underspeed (RPM) shutdown	Underspeed shutdown	0-6000RPM (1270)
		Underspeed (RPM) warning	Underspeed prealarm	0-6000RPM (1350)
		Overspeed (RPM) warning	Overspeed prealarm	0-6000RPM (1650)
		Overspeed (RPM) shutdown	Overspeed shutdown	0-6000RPM (1710)
Overspeed overshoot %		Overspeed overshoot	0-10 (0%)	
Low DC Voltage		Battery low warning	0-24V (9V)	
High DC Voltage		Battery high warning	0-24V (33V)	
Charge Alternator Failure		Charge fail warning	0-24V (8V)	
Language		Language	ENGLISH, OTHER (see note below)	
Display		Language	ENGLISH, OTHER (see note below)	
Clock	LCD Contrast	Contrast	<input type="checkbox"/> <input type="checkbox"/> ■	
	Date/Time	Date and Time	dd mmm yyyy hh:mm	

⚠ NOTE:- More comprehensive module configuration is possible using the 4000/5000 series PC configuration software in conjunction with the P810 PC interface. Please contact us for further details.

⚠ NOTE:- Front panel language configuration is between English and one other PC configurable language.

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