



DEEP SEA ELECTRONICS

Model 5220 Installation and Configuration Instructions

Accessing the front panel config' editor

Press the configure/log  and Stop/Reset  buttons simultaneously. The LCD configure indicator  will flash to indicate that the module is in 'configuration mode'. Release the Stop/Reset  button and the configure/log  button. The first configurable parameter is now displayed. Pressing the + or - buttons will cycle through the parameters.

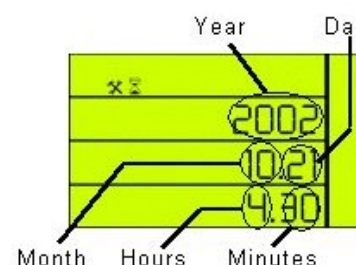
NOTE:- To exit the front panel configuration editor at any time, press the Stop/Reset  button. Ensure you have saved any changes you have made by pressing the  button first.

Editing an analogue value

Access the front panel config editor as detailed above. Press the +/- buttons to view the parameter you wish to change (see parameter table overleaf). Press the  button to enter adjust mode. The value to be adjusted will flash. Press the +/- buttons to adjust the parameter to the desired value. 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 +/- buttons will cycle through the available parameters.

Editing the time

The date/time should initially be set using the 5200 series configuration software. However there may be certain circumstances where a minor change to the module's time is required. One such instance is correction for daylight saving. Access the front panel config editor as detailed above. Press the + button until the calendar is shown :



To edit the time, press the  button. The minutes, '30' in this example, will begin flashing. Press the + or - buttons to adjust the minutes. Press the  button to select hours, day, month and year. The selected parameter will flash. Press the  button to save the change. The time stops flashing to confirm that it has been successfully stored. Example : This display is showing a time of 4:30 on 21st October 2002.

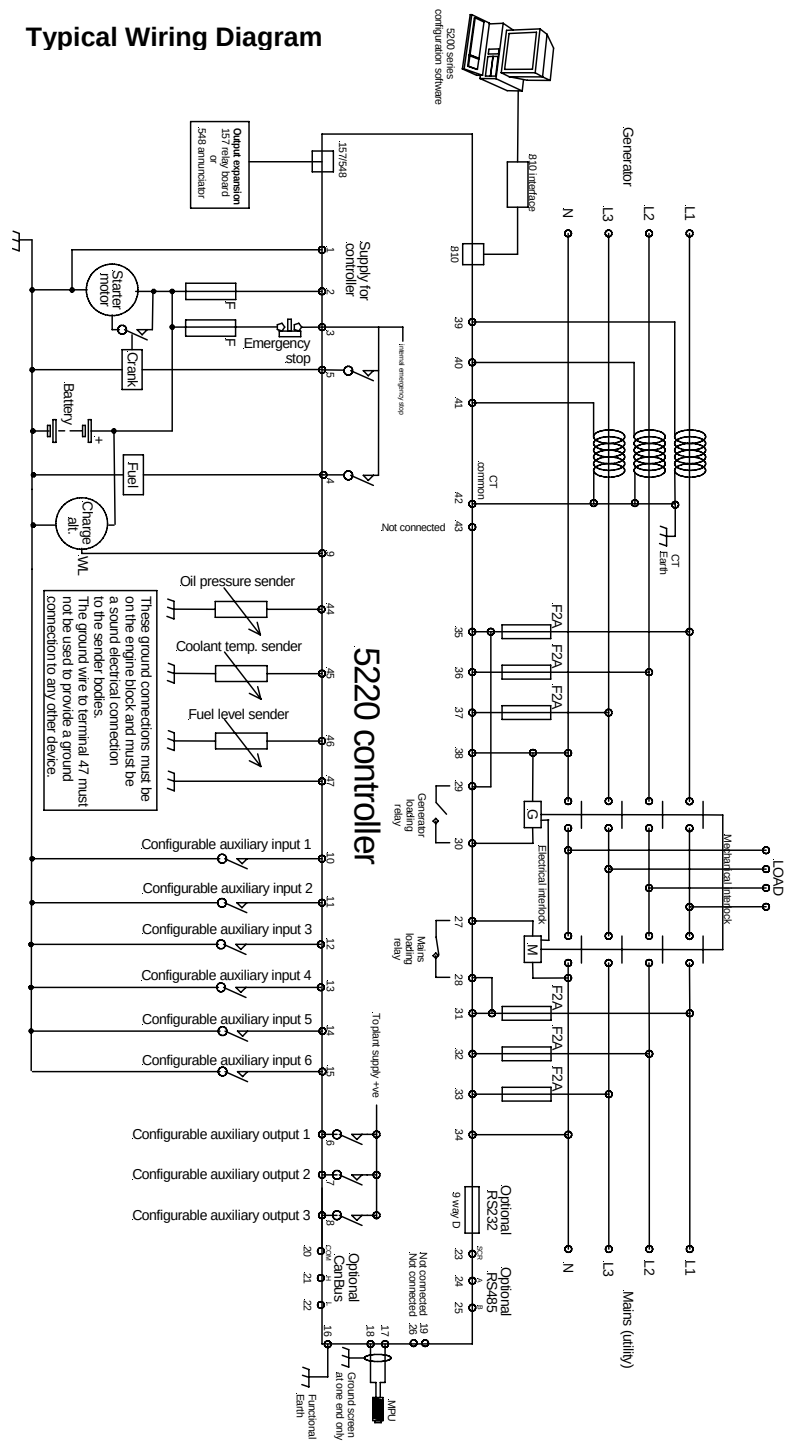
NOTE:- Full configuration of the 5220 module is possible using the 5200 series configuration software for PC in conjunction with the P810 interface.

Deep Sea Electronics Plc.
Highfield House, Hunmanby Industrial Estate,
North Yorkshire. YO14 0PH. ENGLAND.
Tel: +44 (0)1723 890099
Fax: +44 (0)1723 893303.
Email: sales@deepseapl.com
Web: www.deepseapl.com
LO CALL (from UK BT landlines) : Telephone
0845 260 8900.

Deep Sea Electronics Inc.
2320 Williams Avenue, Rockford,
IL 61101-2668, USA
Phone: +1 (815) 316-8706
Fax: +1 (815) 316-8708
Email: sales@deepseausa.com
Web: www.deepseausa.com
TOLL FREE (USA only) Tel: 1 866 636 9703

Config' Section	Parameter	Type	Icons displayed
Analogue senders	Low Pressure	Pre Alarm	 
	Low Pressure	Trip	 
	High Temperature	Pre Alarm	 
	High Temperature	Trip	 
	Fuel Level %	Pre Alarm	 
Calendar	Date/time	Date/time	
Timers	Mains transient delay	Timer (secs)	1 
	Start delay	Timer (secs)	2 
	Preheat	Timer (secs)	3 
	Crank attempt	Timer (secs)	4 
	Crank rest	Timer (secs)	5 
	Safety delay	Timer (secs)	6 
	Overspeed overshoot	Timer (secs)	7 
	Warming up	Timer (secs)	8 
	Transfer delay	Timer (secs)	9 
	Return delay	Timer (secs)	10 
	Cooling run	Timer (secs)	11 
	E.T.S.(Energise to stop) solenoid hold	Timer (secs)	12 
Mains (utility) supply	Mains Low Voltage	Trip	 
	Mains High Voltage	Trip	 
	Mains Low Frequency	Trip	 
	Mains High Frequency	Trip	 
Generator output	Generator Under Voltage L1-N	Trip	 
	Generator Under Voltage L1-N	Pre Alarm	 
	Generator Over Voltage	Pre Alarm	 
	Generator Over Voltage	Trip	 
	Generator Under Frequency	Trip	 
	Generator Under Frequency	Pre Alarm	 
	Generator Over Frequency	Pre Alarm	 
	Generator Over Frequency	Trip	 
	Delayed Overcurrent %	Trip	 
Engine speed	Under Speed (RPM)	Trip	 
	Under Speed (RPM)	Pre Alarm	 
	Over Speed (RPM)	Pre Alarm	 
	Over Speed (RPM)	Trip	 
DC Voltages	Low DC Voltage	Warning	 
	High DC Voltage	Warning	 
	Charge Alternator Failure	Warning	 

Typical Wiring Diagram



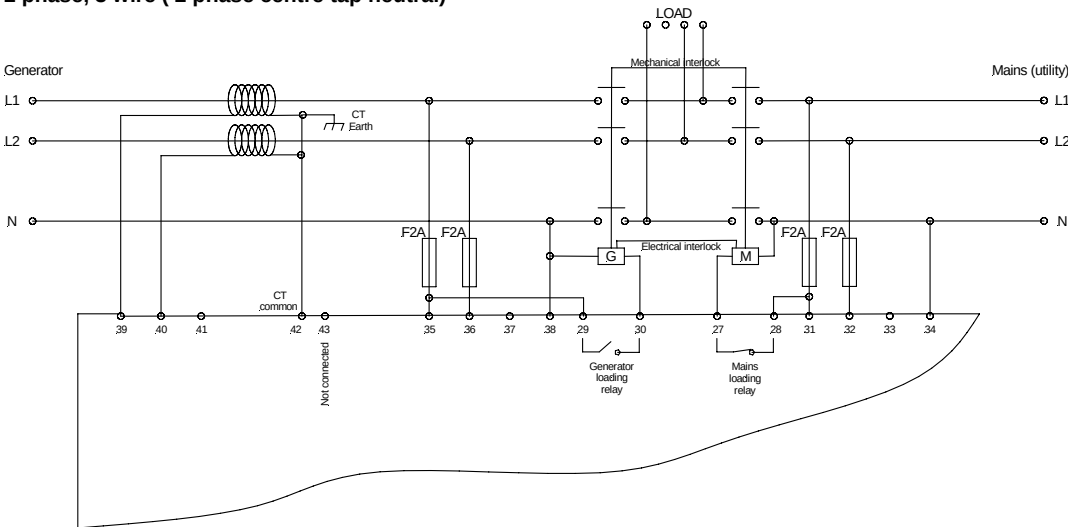
Dimensions

Module Dimensions - 240mm x 172mm x 57mm (9.45" x 6.77" x 2¼")

Panel cutout - 220mm x 160mm (8.7" x 6.3")

Alternative AC wiring

2 phase, 3 wire (2 phase centre tap neutral)



3 phase, 3 wire

