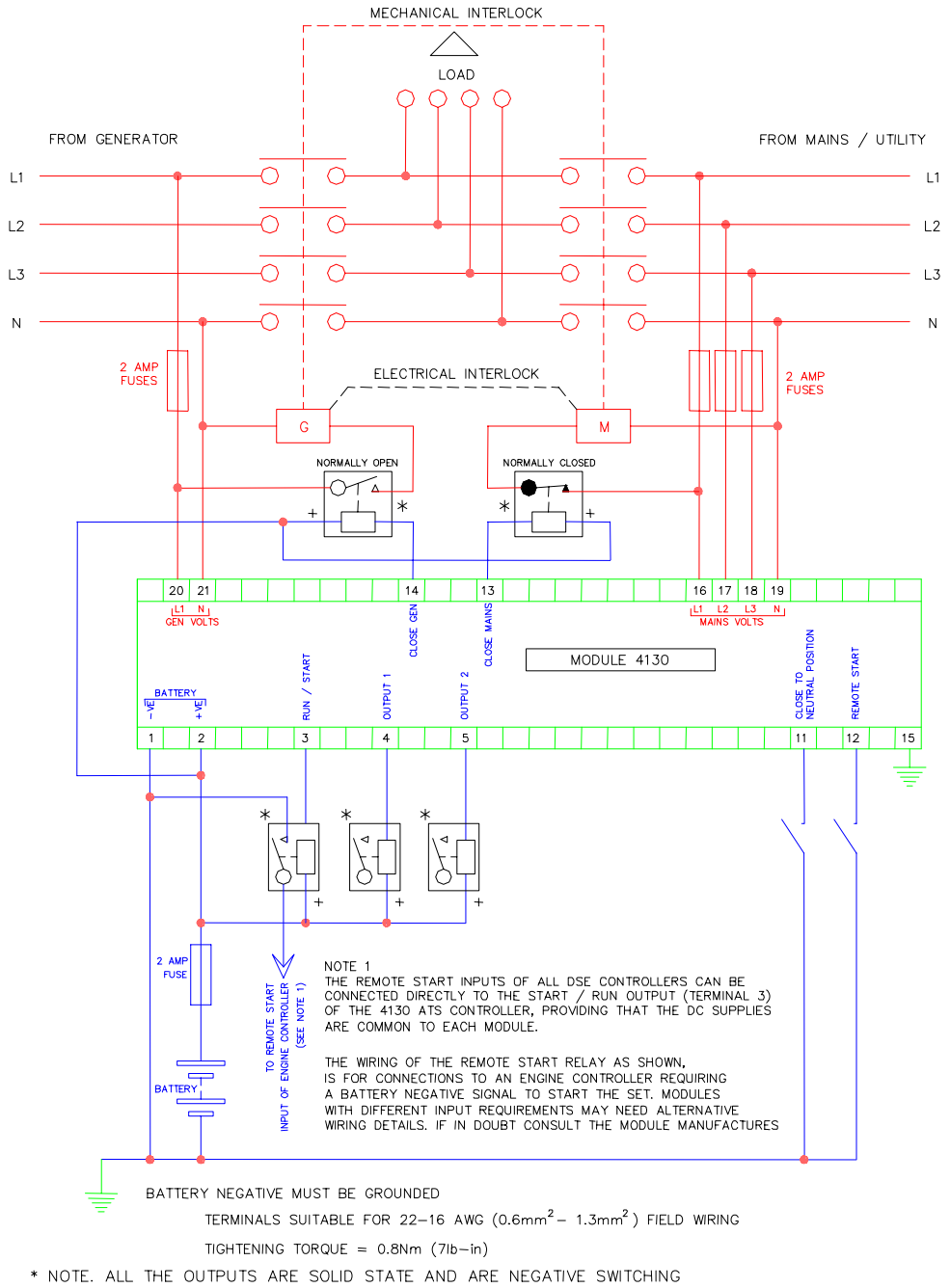
TYPICAL CONNECTIONS

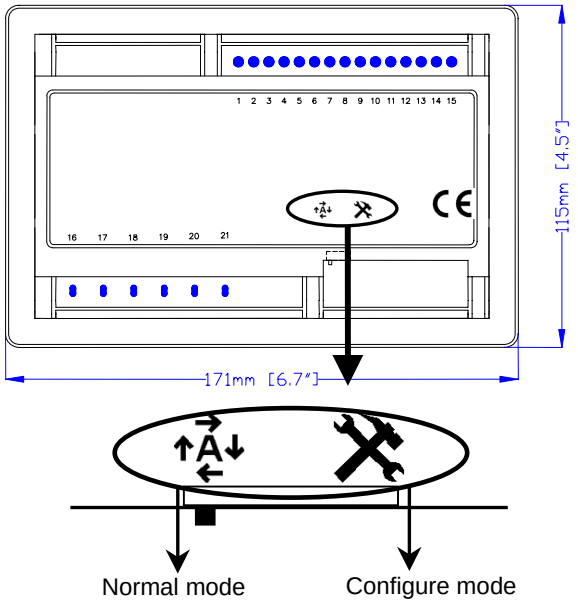


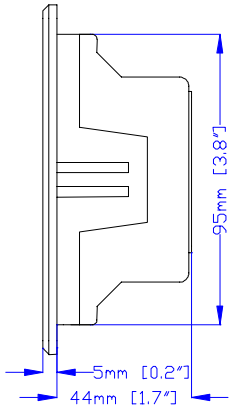
ISSUE1

DEEP SEA ELECTRONICS

4130 INSTALLATION INSTRUCTIONS

- **Configuration Mode** is selected by operation of a small switch on the rear, bottom edge of the PCB. This is partially hidden to prevent accidental operation
- Once Configuration Mode is selected, the 'Auto' LED will commence rapid flashing. When in Configuration Mode all normal operation is suspended.
- The 'Manual On Load' pushbutton can be used to select the LED 'code' that corresponds to the required function. The 5 left hand LED's will form the code.
- The 'Manual Off Load' pushbutton will allow the user to change the function parameters. The 3 right-hand LED's inform the user of the current setting for the chosen function.
- When the required parameters are displayed, pressing the 'Auto' button will save the new setting. The process is repeated for each function change.
- When configuration is complete, the Configuration Mode Selector Switch should be returned to the 'Normal' position. A key to all configuration options is provided overleaf on the Functions and Parameters table.





Panel Cut Out :
154mm x 98mm (6.1 x 3.9")

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Functions and configuration table

Function	Function code	Value code	Value *(Default in bold Italics)*
Start Delay	○ ○ ○ ● ○	○ ○ ○	0 Seconds
		○ ○ ●	***5 Seconds***
		○ ● ○	10 Seconds
		○ ● ●	15 Seconds
		● ○ ○	20 Seconds
		● ○ ●	30 Seconds
		● ● ○	60 Seconds
		● ● ●	180 Seconds
Mains (utility) return delay	○ ○ ○ ● ●	○ ○ ○	0 Seconds
		○ ○ ●	5 Seconds
		○ ● ○	10 Seconds
		○ ● ●	15 Seconds
		● ○ ○	20 Seconds
		● ○ ●	***30 Seconds***
		● ● ○	60 Seconds
		● ● ●	180 Seconds
Warming	○ ○ ● ○ ●	○ ○ ○	***0 Seconds***
		○ ○ ●	5 Seconds
		○ ● ○	10 Seconds
		○ ● ●	15 Seconds
		● ○ ○	20 Seconds
		● ○ ●	30 Seconds
		● ● ○	60 Seconds
		● ● ●	180 Seconds
Cooling	○ ○ ● ● ○	○ ○ ○	***0 Seconds***
		○ ○ ●	5 Seconds
		○ ● ○	10 Seconds
		○ ● ●	15 Seconds
		● ○ ○	20 Seconds
		● ○ ●	30 Seconds
		● ● ○	60 Seconds
		● ● ●	180 Seconds
Remote start input type	○ ● ● ● ○	○ ○ ○	***Remote Start***
		○ ○ ●	Simulated mains
Remote start function (Not used when simulated mains is selected)	○ ● ● ● ●	○ ○ ○	Remote start is off load
		○ ○ ●	***Remote start is on load***
Auxiliary Output 1 Function	● ○ ○ ● ○	○ ○ ○	Not Used
		○ ○ ●	Mains (utility) Fail
		○ ● ○	Generator Available
		○ ● ●	Generator on Load
		● ○ ○	Mains On Load
		● ○ ●	***System in Auto***
		● ● ○	Close to Neutral position
Auxiliary Output 2 Function	● ○ ○ ● ●	○ ○ ○	Not Used
		○ ○ ●	***Mains (utility) Fail***
		○ ● ○	Generator Available
		○ ● ●	Generator on Load
		● ○ ○	Mains On Load
		● ○ ●	System in Auto
		● ● ○	Close to Neutral position
Mains (utility) Under Voltage	● ○ ● ○ ○	○ ○ ○	60V / 70V
		○ ○ ●	70V / 80V
		○ ● ○	80V / 90V
		○ ● ●	90V / 100V
		● ○ ○	120V / 140V
		● ○ ●	140V / 160V
		● ● ○	160V / 180V
		● ● ●	***180V /200V***