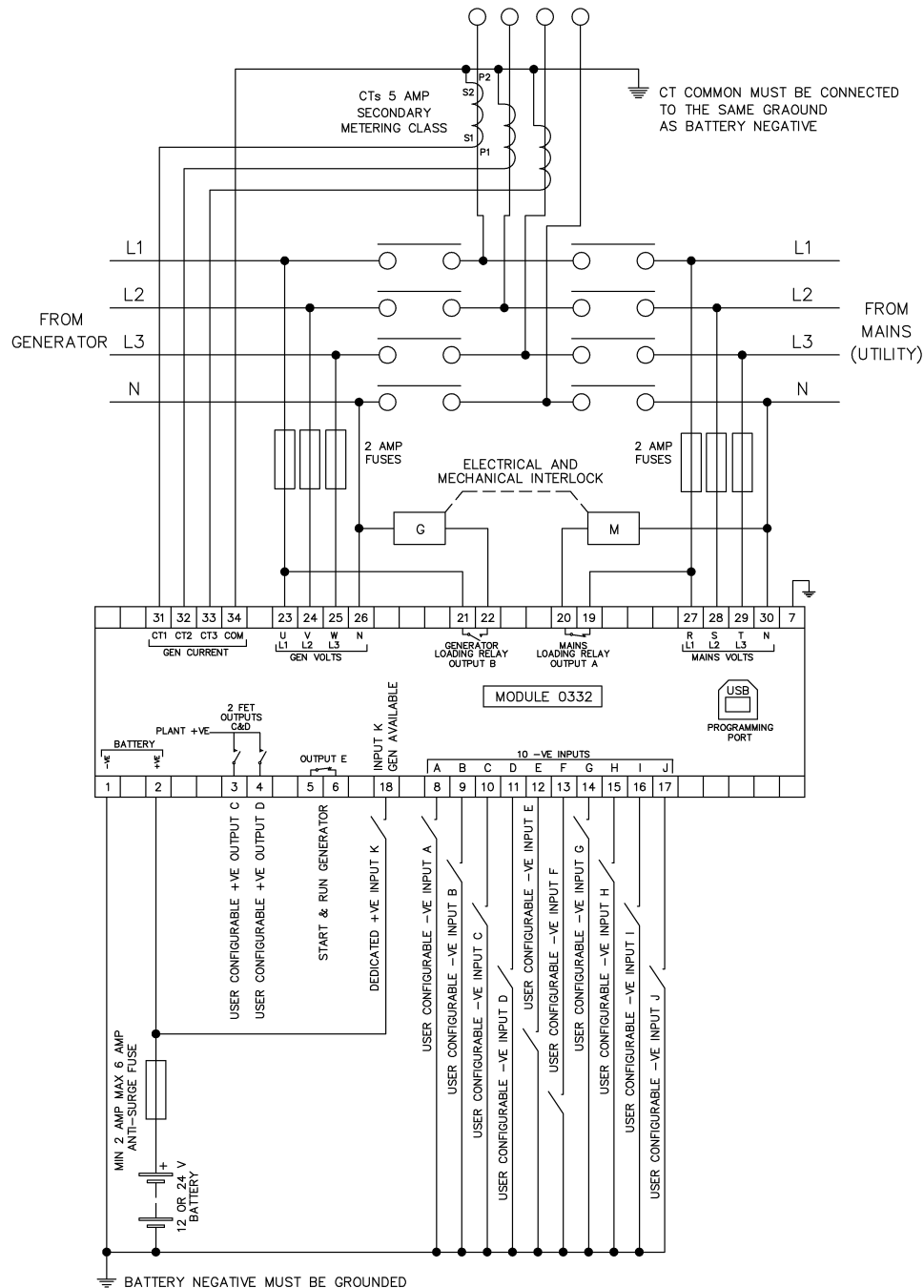


Typical Wiring Diagram



053-061
ISSUE 2

DEEP SEA ELECTRONICS



DSE332 A.T.S. CONTROLLER

ACCESSING THE FRONT PANEL EDITOR (FPE)

- To enter the 'configuration mode' press and hold both the and buttons together.


EDITING A PARAMETER

- Enter the editor as described above.
- Press to select the required 'page' as detailed overleaf.
- Press + to select the next parameter or - to select the previous parameter within the current page.
- When viewing the parameter to be changed, press the button. The value begins to flash.
- When editing the scheduler, press to move between the various parameters of the scheduler.
- Press + or - to adjust the value to the required setting.
- Press to save the current value, the value ceases flashing.
- Press and hold the button to activate the changes you have made and exit the editor.


TERMINALS SUITABLE FOR 22-16 AWG
(0.6mm - 1.3mm) FIELD WIRING
TIGHTENING TORQUE = 0.8Nm (7lb-in)


ADJUSTABLE PARAMETERS




(Factory default settings are shown in bold italicised text)

When viewing the configuration editor, Press  to select the required 'page' as listed below.

Front Panel Configuration Editor (Factory default settings are shown in bold italicised text)

Page	Parameter as shown on	Values
DISPLAY	Contrast	0% - 100% (53%)
	Language	English - Others
	Current date and time	Date month year hh:mm:ss
GENERATOR	Under Voltage Trip	50V - 360V (184V)
	Under Frequency Trip	0Hz - 75Hz (40Hz)
MAINS	Immediate mains dropout	Active, Inactive
	Under Voltage Trip	50V - 360V (184V)
	Over Voltage Trip	50V - 360V (276V)
	Under Frequency Trip	0Hz - 75Hz (45Hz)
	Over Frequency Trip	0Hz - 75Hz (55Hz)
TIMERS	Warm Up Time	0 - 1hr (0s)
	Start Delay	0 - 10hr (5s)
	Mains Transient Delay	0 - 30s (2s)
	Generator Failed Delay	0 - 1m (60s)
	Elevator Delay	0 - 5m (0s)
	Non sync Transfer Time	1 - 10m (0.7s)
	Check-sync Transfer Time	1 - 10m (0.2s)
	Return Delay	0 - 5hr (30s)
	Cool Down Timer	0 - 1hr (1m)
	Generator Transient Delay	0 - 30s (0s)
	Fail to Stop Delay	0 - 2m (30s)
	Scroll Delay	0 - 1hr (5s)
	Page Timer	0 - 1hr (5m)
	SCHEDULE	Schedule
Schedule On Load		Active, Inactive (only available when Scheduler is active)
Schedule Period		Weekly , Monthly (only available when Scheduler is active)
Schedule time and date selection (1-16)		Press  when editing to select the different parameters within the scheduler.

 **NOTE:** - More comprehensive configuration is made using the DSE Configuration Suite Software.

 **NOTE:-** To exit the front panel configuration editor and activate your changes, press and hold the  button. Ensure you have saved any changes you have made by pressing the  button first.

DIMENSIONS AND MOUNTING

DIMENSIONS

216mm x 158mm x 42mm
(8.5" x 6.2" x 1.6")

PANEL CUTOUT

182mm x 137mm
(7.2" x 5.4")

WEIGHT

510g (0.51kg)

FIXING CLIPS

The module is held into the panel fascia using the supplied fixing clips.

Withdraw the fixing clip screw (turn anticlockwise) until only the pointed end is protruding from the clip.

Insert the three 'prongs' of the fixing clip into the slots in the side of the DSE332 module case.

Pull the fixing clip backwards (towards the back of the module) ensuring all three prongs of the clip are inside their allotted slots.

Turn the fixing clip screws clockwise until they make contact with the panel fascia.

Turn the screws a little more to secure the module into the panel fascia. Care should be taken not to over tighten the fixing clip screws.

 **NOTE:-** In conditions of excessive vibration, mount the panel on suitable anti-vibration mountings.

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