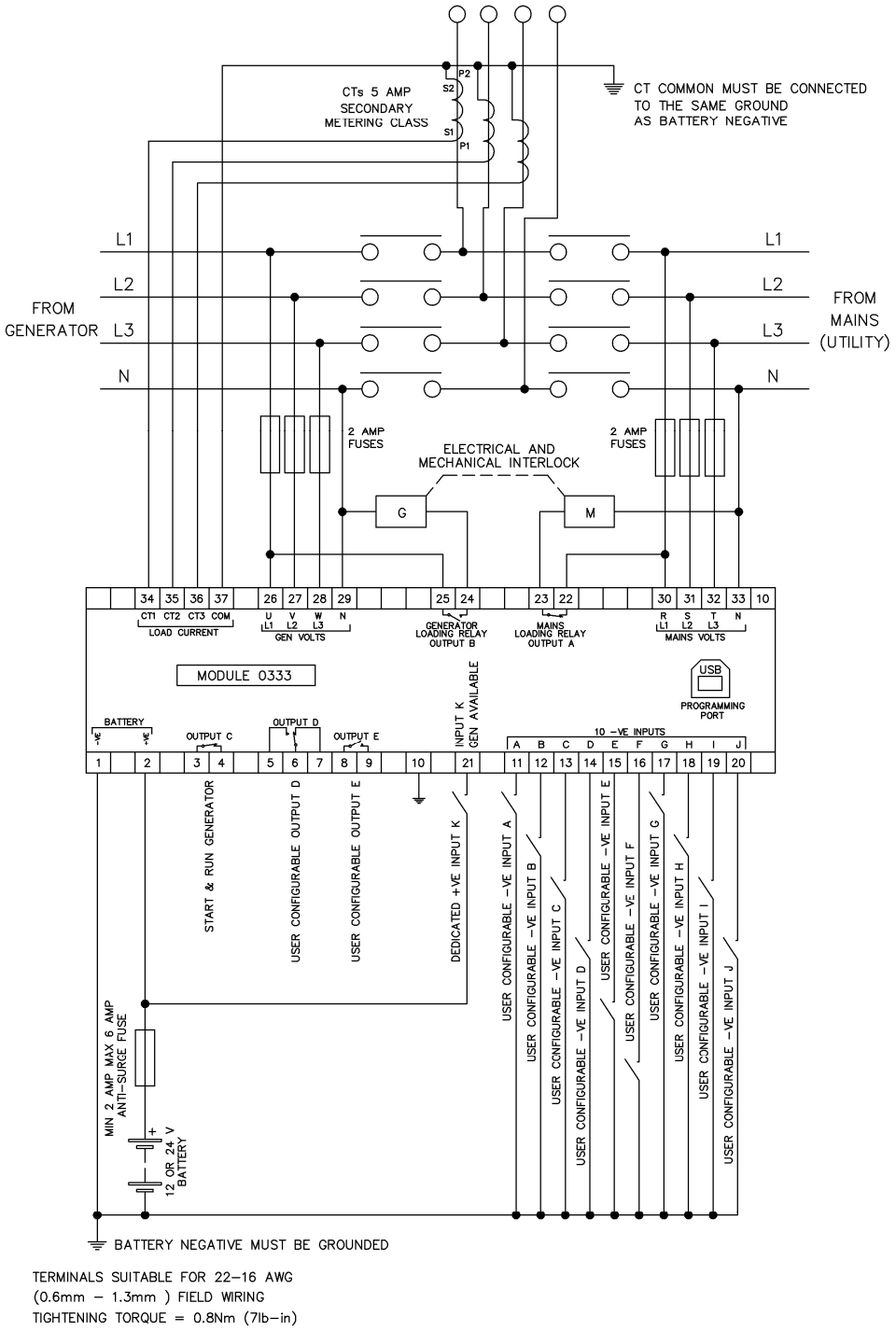
Typical Wiring Diagram



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

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.

ADJUSTABLE PARAMETERS

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 display	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	Active, **Inactive**
	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

For flat surface mounting in a type 1 enclosure and use in a pollution degree 2 environment to meet UL requirements.

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 6000 series 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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