## **TYPICAL CONNECTIONS**



## ISSUE 6 053-019

## 4110 INSTALLATION INSTRUCTIONS

- With the unit in **Stop** mode, **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 'Stop' 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' 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.
- **Exercise scheduler** Press and hold the Auto button for 6 seconds. The generator will run for 30 minutes, this will be repeated automatically every 7 days from the time the scheduler was set. When the timer is active the led above the Auto button will flash. To disable the scheduler press and hold the Auto button again for 6 seconds, the led above the Auto button will stop flashing.



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					ID PARA		TABLE	I	
Function	ۍد ا		Ō\$₽	¢	Ē	ו	<b>!</b> 1	! 2	Value (Default in Italics)
Pre-heat Timer	0	0	0	0	•	0	0	 ●	0 Seconds 5 Seconds
						0	•	0	10 Seconds
						•	•	•	15 Seconds 20 Seconds
						•	0	 ●	20 Seconds 30 Seconds
						•	•	0	60 Seconds
Otest Dalau	0	0	0	-	0	•	•	•	180 Seconds 0 Seconds
Start Delay	0	0	0	•	0	0	0	•	0 Seconds 5 Seconds
						0	•	0	10 Seconds
						•	•	•	15 Seconds 20 Seconds
						•	0	ě	30 Seconds
						•	•	0	60 Seconds
Otar Dalau	0	0	0	•		•	•	•	180 Seconds
Stop Delay	0	0	0	•	•	0	0	•	0 Seconds 5 Seconds
						0	•	0	10 Seconds
						•	•	•	15 Seconds 20 Seconds
						•	0	•	30 Seconds
						•	•	0	60 Seconds
	0	0	•	0	0	•	•	•	180 Seconds
Energise to Stop Timer	0	0	•	0	0	0	0	 ●	0 Seconds 5 Seconds
						0	•	0	10 Seconds
						0	•	•	15 Seconds
						•	0	•	20 Seconds 30 Seconds
						•	•	0	60 Seconds
		-				•	•	•	180 Seconds
Warming	0	0	•	0	•	0	0	 ●	0 Seconds 5 Seconds
						0	٠	0	10 Seconds
						0	•	•	15 Seconds
						•	0	•	20 Seconds 30 Seconds
						•	ě	0	60 Seconds
		-			-	•	•	•	180 Seconds
Cooling	0	0	•	•	0	0	0	 ●	0 Seconds 5 Seconds
						0	ĕ	0	10 Seconds
						0	•	•	15 Seconds
						•	0	 ●	20 Seconds 30 Seconds
						•	ĕ	0	60 Seconds
		_		_		•	•	٠	180 Seconds
Nominal Frequency	0	•	0	0	0	0	0	 ●	50 Hz (O/S +14%/ Overshoot +24%) 60 Hz (O/S +14%/ Overshoot +24%)
Nominal DC Voltage	0	•	0	0	•	0	0	0	12V DC (CF 8V)
						0	0	•	24V DC (CF 16V)
LOP Switch Contact	0	•	0	•	0	0 0	0	 ●	Close on Fault Open on Fault
HET Switch Contact	0	•	0	٠	•	0	0	0	Close on Fault
						0	0	•	Open on Fault
Crank disconnect on Oil Pressure	0	•	•	0	0	0 0	0 0	 ●	Disabled Enabled (2 Second delay)
Underspeed detection	0	•	•	0	•	0	0	0	Disabled
						0	0	•	Enabled (U/S – 20%)
Auxiliary Input 1 Function	•	0	0	0	0	0 0	0	 ●	Immediate Warning Close on Fault Immediate Warning Open on Fault
						0	•	0	Immediate Warning Open on Fault
						0	•	•	Immediate Shutdown Open on Fault
						•	0	•	Delayed Warning Close on Fault Delayed Warning Open on Fault
						•	•	0	Delayed Shutdown Close on Fault
						•	•	•	Delayed Shutdown Open on Fault
Auxiliary Input 2 Function	•	0	0	0	•	0	0	0	Immediate Warning Close on Fault Immediate Warning Open on Fault
						0	•	0	Immediate Warning Open on Fault Immediate Shutdown Close on Fault
						0	•	•	Immediate Shutdown Open on Fault
						•	0	0 ●	Delayed Warning Close on Fault
						•	•	•	Delayed Warning Open on Fault Delayed Shutdown Close on Fault
						•	•	•	Delayed Shutdown Open on Fault
Auxiliary Output 1 Function	•	0	0	•	0	0	0	0	Not used
						0	•	•	Pre-heat Load transfer
						0	•	ĕ	Common Warning
						•	0	0	Common Shutdown
						•	•	•	System in Auto Common Alarm
						•	•	•	Energise to Stop
Auxiliary Output 2 Function	•	0	0	•	•	0	0	0	Not used
						0	•	•	Pre-heat Load transfer
						0	•	•	Common Warning
						•	0	0	Common Shutdown
						•	0	•	System in Auto
						•	•	 ●	Common Alarm Energise to Stop