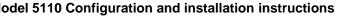
FROM

GENERATOR



ACCESSING THE CONFIGURATION EDITOR

Press the Stop/Reset o and Info simultaneously.

TO

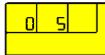
LOAD SWITCHING

DEVICE

The LED beside the AUTO button will flash continuously to indicate that configuration mode has been entered.



The first configuration setting is displayed:

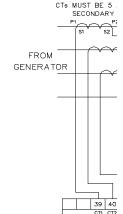


From the configuration table, this example is displaying Start Delay (parameter 0). It is currently set to 5 seconds.

(Factory default settings are shown in the configuration table in **bold italic** text)

EDITING A PARAMETER

- Enter the editor as described above.
- Press + / to scroll through the parameters to the one you want to change.
- Press ✓ to enter edit mode. The TI symbol will flash on the display to indicate that edit mode has been entered.

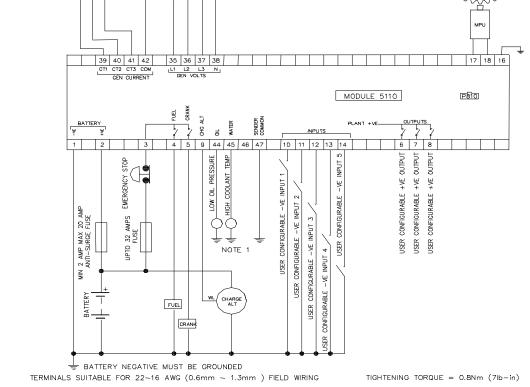


NOTE: To exit the front panel configuration editor at any time, press the Stop/Reset button. Ensure you have saved any changes you have made by pressing the √ button first

Parameter	Range
0 - Start delay	0-60m <i>(5s)</i>
1 - Preheat	0-60s <i>(0s)</i>
2 - Crank attempt	3-60s (10s)
3 - Crank rest	3-60s (10s)
4 - Safety delay	8-60s (8s)
5 - Warming up	0-60s <i>(0s)</i>
6 - Return delay	0-60m (30s)
7 - Cooling run	0-60m <i>(60s)</i>
8 - E.T.S. hold	0-60s <i>(0s)</i>
9 - Sensor fail	1-5s (2s)
10 - Fail to Stop	10-60s <i>(60s)</i>
11 - Low Oil Press.	5-150PSI (15PSI)
12 - High Temp	90-150°C (95°C)
13 - Under Speed	0-3600RPM (1250RPM)
14 - Over Speed	300-5000RPM (1750RPM)
15 – Under freq'	0-60Hz (40Hz)
16 - Over freg'	50-72Hz (57Hz)
17 - Charge Alt Failure	0-25V (8V DC)
18 - Flywheel teeth	46-300 <i>(0)</i>
19 - CT Primary	10-6000A <i>(500A)</i>
Tr	•

NOTE:- Setting a timer to zero (0) will disable it (where applicable) NOTE:- Setting Flywheel teeth to zero (0) will disable magnetic pickup speed sensing. In this instance, engine speed is derived from the alternator output frequency.

Parameter	Selections
20 - Alternator poles	0,2,4,6,8
21 - Oil pressure input	0 - Not used
	1 - Digital, close for low
	pressure
	2 - Digital, open for low
	pressure
	3 - VDO 0-5bar
	4 - VDO 0-10bar
	5 - Datcon 5bar
	6 - Datcon 10bar
	7 - Datcon 7bar
	8 - Murphy 7bar
22. Caplant town innut	9 - User configured
22 - Coolant temp input	0 - Not used
	1 - Digital, close for high temperature
	2 - Digital, open for high temperature
	•
	3 - VDO 40°C to 120°C
	4 - Datcon High 5 - Datcon Low
	6 - Murphy
	7 - Cummins
	8 - PT100
	9 - User configured



THE GROUND WIRE TO TERMINAL 47 MUST

PANEL CUTOUT

220mm x 160mm (8.7" x 6.3")

NOT BE USED TO PROVIDE A GROUND

CONNECTION TO ANY OTHER DEVICE

THESE GROUND CONNECTIONS MUST BE

ON THE ENGINE BLOCK, AND MUST BE

TO THE SENDER BODIES.

DIMENSIONS

240mm x 172mm x 57mm (9.5" x 6.8" x 2.25")

Parameter	Selections
23 - Fast loading	0 - No
enabled	1 - Yes
24 - AC system	0 - 3 phases 4 wires
	1 - 1 phase 2 wire
	2 - 3 phases 3 wires
	3 - 2 phases 3 wires
25 - Oil pressure	0 - Bar/PSI
display units	1 - kPa

Parameter	Selection
26 - Output 1	0 - Unused
	1 - Preheat mode 0
	2 - Air flap
	3 - Close Generator
	4 - Energise to stop
	5 - Engine running
	6 - Shutdown alarm
	7 - System in auto
	8 - Auxiliary input 1 active
	9 - Auxiliary input 2 active
	10 - Auxiliary input 3 active
	11 - Auxiliary input 4 active
	12 - Auxiliary input 5 active
	13 - Preheat mode 1
	14 - Preheat mode 2
	15 - Preheat mode 3
	16 - Warning alarm
	17 - Common alarm
27 - Output 2	0 - Unused
	1 - Preheat mode 0
	2 - Air flap
	3 - Close Generator
	4 - Energise to stop
	5 - Engine running
	6 - Shutdown alarm
	7 - System in auto
	8 - Auxiliary input 1 active
	9 - Auxiliary input 2 active
	10 - Auxiliary input 3 active
	11 - Auxiliary input 4 active
	12 - Auxiliary input 5 active
	13 - Preheat mode 1
	14 - Preheat mode 2
	15 - Preheat mode 3
	16 - Warning alarm
	17 - Common alarm

Parameter	Selection
28 - Output 3	0 - Unused
	1 - Preheat mode 0
	2 - Air flap
	3 - Close Generator
	4 - Energise to stop
	5 - Engine running
	6 - Shutdown alarm
	7 - System in auto
	8 - Auxiliary input 1 active
	9 - Auxiliary input 2 active
	10 - Auxiliary input 3 active
	11 - Auxiliary input 4 active
	12 - Auxiliary input 5 active
	13 - Preheat mode 1
	14 - Preheat mode 2
	15 - Preheat mode 3
	16 - Warning alarm
	17 - Common alarm
29 - LCD 1	0 - Unused
	1 - Preheat mode 0
	2 - Air flap
	3 - Close Generator
	4 - Energise to stop
	5 - Engine running
	6 - Shutdown alarm
	7 - System in auto
	8 - Auxiliary input 1 active
	9 - Auxiliary input 2 active
	10 - Auxiliary input 3 active
	11 - Auxiliary input 4 active
	12 - Auxiliary input 5 active
	13 - Preheat mode 1
	14 - Preheat mode 2
	15 - Preheat mode 3
	16 - Warning alarm
	17 - Common alarm
30 - LCD 2	0 - Unused
00 2002	1 - Preheat mode 0
	2 - Air flap
	3 - Close Generator
	4 - Energise to stop
	5 - Engine running
	6 - Shutdown alarm
	7 - System in auto
	8 - Auxiliary input 1 active
	9 - Auxiliary input 2 active
	10 - Auxiliary input 3 active
	11 - Auxiliary input 4 active
	12 - Auxiliary input 5 active
	13 - Preheat mode 1
	14 - Preheat mode 2
	15 - Preheat mode 3
	16 - Warning alarm
	17 - Common alarm

Parameter	Selection
31 - LCD 3	0 - Unused
	1 - Preheat mode 0
	2 - Air flap
	3 - Close Generator
	4 - Energise to stop
	5 - Engine running
	6 - Shutdown alarm
	7 - System in auto
	8 - Auxiliary input 1 active
	9 - Auxiliary input 2 active
	10 - Auxiliary input 3 active
	11 - Auxiliary input 4 active
	12 - Auxiliary input 5 active
	13 - Preheat mode 1
	14 - Preheat mode 2
	15 - Preheat mode 3
	16 - Warning alarm
	17 - Common alarm
32 - LCD 4	0 - Unused
	1 - Preheat mode 0
	2 - Air flap
	3 - Close Generator
	4 - Energise to stop
	5 - Engine running
	6 - Shutdown alarm
	7 - System in auto
	8 - Auxiliary input 1 active
	9 - Auxiliary input 2 active
	10 - Auxiliary input 3 active
	11 - Auxiliary input 4 active
	12 - Auxiliary input 5 active
	13 - Preheat mode 1
	14 - Preheat mode 2
	15 - Preheat mode 3
	16 - Warning alarm
	17 - Common alarm

NOTE:- The 'preheat modes' selectable for configurable outputs and LCD indicators perform the following actions :

- Preheat mode 0 Preheat during preheat timer, ceasing at end of preheat timer.
- Preheat mode 1 Preheat during preheat timer and continue until engine stops cranking.

 Preheat mode 2 Preheat during preheat timer and
- continue until the safety delay timer has expired.
- Preheat mode 3 Preheat during preheat timer and continue until the warming timer has expired.

In addition, in all preheat modes, preheat takes place during the crank rest timer between crank cycles.

Parameter	Selection
33 - Input 1	0 - Delayed, Warning, close to activate
,	1 - Delayed, Warning, open to activate
	2 - Immediate, Warning, close to activate
	3 - Immediate, Warning, open to activate
	4 - Delayed, Shutdown, close to activate
	5 - Delayed, Shutdown, open to activate
	6 -Immediate, Shutdown, close to activate
	7 - Immediate, Shutdown, open to activate
	8 - Remote Start, close to activate
	9 - Remote Start, open to activate
34 - Input 2	0 - Delayed, Warning, close to activate
·	1 - Delayed, Warning, open to activate
	2 - Immediate, Warning, close to activate
	3 - Immediate, Warning, open to activate
	4 - Delayed, Shutdown, close to activate
	5 - Delayed, Shutdown, open to activate
	6 - Immediate, Shutdown, close to activate
	7 - Immediate, Shutdown, open to activate
	8 - Electrical trip, close to activate
	9 - Electrical trip, open to activate
35 - Input 3	0 - Delayed, Warning, close to activate
-	1 - Delayed, Warning, open to activate
	2 - Immediate, Warning, close to activate
	3 - Immediate, Warning, open to activate
	4 - Delayed, Shutdown, close to activate
	5 - Delayed, Shutdown, open to activate
	6 - Immediate, Shutdown, close to activate
	7 - Immediate, Shutdown, open to activate
	8 - Lamp test, close to activate
	9 - Lamp test, open to activate
36 - Input 4	0 - Delayed, Warning, close to activate
	1 - Delayed, Warning, open to activate
	2 - Immediate, Warning, close to activate
	3 - Immediate, Warning, open to activate
	4 - Delayed, Shutdown, close to activate
	5 - Delayed, Shutdown, open to activate
	6 - Immediate, Shutdown, close to activate
	7 - Immediate, Shutdown, open to activate
37 - Input 5	0 - Delayed, Warning, close to activate
	1 - Delayed, Warning, open to activate
	2 - Immediate, Warning, close to activate
	3 - Immediate, Warning, open to activate
	4 - Delayed, Shutdown, close to activate
	5 - Delayed, Shutdown, open to activate
	6 - Immediate, Shutdown, close to activate
	7 - Immediate, Shutdown, open to activate
	8 - Oil pressure, Shutdown, close to activate
	9 - Oil pressure, Shutdown, open to activate