

053-038
ISSUE 3

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	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 - Coolant temp input	9 - User configured
	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

Parameter	Selections
23 - Fast loading enabled	0 - No 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 display units	0 - Bar/PSI 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 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

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

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.