

STYLRONICS – ST-25 ENGINE CONTROL MODULE

DESCRIPTION

The engine control module is a compact (70 x 110mm) tropic proofed printed circuit board (urethane seal coat on both sides), utilizing telecom approved heavy duty relays (approval RA 81/116) robust connecting terminals and quick mounting to standard DIN or terminals rail

This module has been designed for use with one or more alarm cards ST-24 and can be used for manual or automatic control of a Diesel engine.

The module provides the following features:-

- a. 15 amp 3AG standard fuse for starter motor relay and fuel solenoid circuits.
- b. 3 amp 3AG standard fuse for the control circuitry.
- c. Shut-down on alarm signal from ST-24 alarm card(s).
- d. Charging Alternator Field control, (VE+ output).
- e. Timer 0-30 sec for alarm lock-out at start, for alarms such as Low Oil Pressure and Under Speed.
- f. Run relay CR latching for push button Start, Stop control.

Terminals

1. alarm input, switch to –Ve.
2. Start input, switch to +Ve, via N/O START PUSH BUTTON.
3. Start latch, switch to +Ve, via N/C STOP PUSH BUTTON.
4. +Ve output, 3 amp fused for controls.
5. +Ve input (battery).
6. +Ve output to starter motor relay, via START control.
7. +Ve output to fuel solenoid.
8. Charging alternator D+, via indicator if required.
9. –Ve input (battery).
10. Common alarm N/O +Ve 3 amp.
11. +Ve for alarm relay connect to reset line.
12. RUN signal output.
13. Inline timer –Ve (to ST-24 delay).
14. Inline timer +Ve.