

Electric Fence Energizer: Model - CS 250

Version 1

Features:

1. Fence Energizer is an ideal choice for Sensitive areas / Establishments / zone wise installations.
2. Micro-controller based technology which can power a single line of fence for a recommended length of 7,500 meters.
3. Designed specifically to offer exceptional value for money.
4. Aesthetical look with ABS body.
5. Adaptive Power Technology (APT) to provide maximum power to the connected Fence.
6. Easy to integrate with most professional alarm systems.
7. Easy to install using simple but secure wiring.
8. Reliable and expandable.
9. **CE** marking in compliance with Indian & International safety standards vide No. IS 302-2-76 (1999), IEC 60335-2-76, IS 8437 (Part - I - Human safety), IS 9000 (Part - VI) and EMC directives.
10. Can trigger an external device upon tampering using potential free contacts.
11. Fence Energizer can be used as an independent system or can be interfaced to a Central Monitoring station through TCP / IP.
12. Suitable for Multi level security applications.
13. Front Panel display consists of LEDs and LCD.

Electrical parameters:

Operating Voltage	12V DC
Input Voltage	12V DC (Inbuilt 230V Charger unit upon request)
Input current	750 mA
Output Voltage	1 to 9.9 KV Pulsating (Adjustable with on-board keypad)
Pulse interval	1.2 Seconds
Number of pulses	50 pulses per minute.
Pulse width	240 micro seconds
Output Energy	>2.5 Joules

Environmental characteristics:

Operating Environment	: Outdoor use
Operating temperature	: -20deg to 70 deg. C
Operating Humidity	: 0 to 95% (non-condensing)
Radio Interference	: Complies with EMC Directives
Dimensions	: Length x Breadth x Height 325 x 240 x 128 mm
Weight with Battery (7AH)	: 5.28 Kg



Other Features:

Number of channels	High / Low voltage - 1 no. with Loop monitor
Alarm Output	12V DC to drive a Siren within 2 to 12 seconds
Fence ON / OFF	Using on board Keypad / Through Interface
Operation password	User password for regular use and Master password for programming.
Connectivity for Interface	TCP / IP with HTTP2 Protocol
Number of configurable outputs	4, used for interfacing / controlling / monitoring.
Number of configurable Inputs	4
MTBF	200,000 hours
Front panel display	Mains ON LED / Fence ON LED / Check indication LED / Alarm indication LED / Facility to display status of 4 Inputs
Compatibility	All models of CROWN Fence Secure Software with IPV4.
Operation	Menu driven operation for easy navigation.
User Monitoring & Control	Thru TCP/IP. Storage of events Internal Flash.
Bandwidth	Less than 1 Mbps.
Configurable Fence Parameters	FENCE VOLTAGE: From 1 KV to 9.9 KV with 0.1 resolution. Number of Missing Pulses from 1 to 10 pulses Alarm ON Time and Re-Arm time Can Activate external gadget for a predetermined period through 12V / 6 A relay.
Alarm indication	Upon Fence Tamper by causing Voltage drop. Wire disconnect / Cut including Earth terminal, Energizer tamper
Protection	Any additional Alarm as required by Customer. Short circuit protection and IPX4 for outdoor use. Electro Static Discharge and Surge



Parameters like Fence voltage, SPV voltage, Battery voltage, Mains status and settings for Alarms can be viewed using **Front Panel Keypad and LCD OR from Web Browser using In-built Web server.**

Please contact for additional information at:

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* Dimensions and features are subject to change without prior intimation