



ETI Genset
AMF
DG - BTS Unit
Engine Safety Unit

ENGINE SAFETY UNIT

EEPL-333

Advance AMF Controller



आत्मनिर्भर भारत अभियान

Description

- The Engine Safety Unit has been specifically designed to meet the requirement of the DG sets used by Telecom Industry. Temper Proof EESU 333 has been designed with a micro controller and provides visual indication of the various commonly occurring faults of the DG.
- The auxiliary supply is from 8V to 36V V and has functions and capabilities unmatched in the current products. The unique feature of "fan current sensing" make it a notch above the available products in the market
- The variants available are
 - **EAMF-9920** - Import Substitute AMF Controller
 - **EMAB-600** - BTS Tower Management Controller
 - **DGMC-500** - Basic AMF Controller
 - **EEPL-666** - Engine Protection & Semi-Auto Controller

Key Features

- LED Bar Display for visual indication of Oil Pressure, Temperature and Fuel Level.
- LED Indication and alarm for
 - Over Speed / Under Speed
 - LLOP
 - HCT/ HWT
 - Low fuel Level
 - Radiator Water Low
 - Charging Alt Failure / Belt failure
 - Emergency
 - Service Due
- Push Buttons For
 - Stop
 - Scroll
 - FaultA cknowldgment
 - FaultR eset
 - Scroll
 - FaultA cknowldgment
 - FaultR eset
- Additional Prevention Circuitry for Fan Jamming
- Tamper Proofing of Run Hour meter by inter locking various sensors



ISO 9001, ISO 14001 CERTIFIED COMPANY

Technical Specifications

DC SUPPLY

- **CONTINUOUS VOLTAGE RATING**
8 V to 36 V Continuous
- **MAXIMUM OPERATING CURRENT**
85 mA at 12 V
96 mA at 24 V
- **MAXIMUM SLEEP CURRENT**
35 mA at 12 V
32 mA at 24 V

GENERATOR (UTILITY)

- **VOLTAGE RANGE**
70 V to 300 Vac (L - N)
121 V to 550 Vac (L - L)
- **FREQUENCY RANGE**
40 Hz to 70 Hz

MAINS (UTILITY)

- **VOLTAGE RANGE**
70 V to 300 Vac (L - N)
121V to 550 Vac (L - L)
- **FREQUENCY RANGE**
40 Hz to 70 Hz

INPUTS

- **DIGITAL INPUTS**
Negative Sensing
- **ANALOGUE INPUTS**
Resistive sensor

OUTPUTS

- **OUTPUT - FUEL**
2A Continuous at Supply Voltage
- **OUTPUT - START**
2A Continuous at Supply Voltage

DIMENSIONS

- **OVERALL**
96 mm x 96 mm x 70 mm
- **PANEL CUT-OUT**
92 mm x 92 mm
- **MAXIMUM PANEL THICKNESS**
8 mm

STORAGE TEMPERATURE RANGE

-10°C to +85 °C

RELATED MATERIAL

- Specification Sheet - ET01-0666-001
- User Manual & Installation Guide - ET01-0666-002
- GSM Modem Specs Sheet - ET00-485GM-001
- www.digilive.com

Enertrak maintains a policy of continuous development & reserve the rights to change the details shown on this data sheet without any prior notice. The contents are intended for guidance only.

Communications

Connections



Engine Safety Unit EESU-3300			
Ter. No.	Description	Ter. No.	Description
1	Ch. ALT / V-BF	8	Hooter (NO)
2	EMER. (-ve)	9	Stop (NO)
3	LFL (-ve)	10	COM
4	HWT (-ve)	11	Neutral
5	RWL (-ve)	12	Phase
6	LLOP (-ve)	13	Fan-Ph Out
7	PIU (+ve)	14	Fan-Ph In
		15	LLOP Sensor
		16	HWT Sensor
		17	Fuel Sensor
		18	Battery (+ve)
		19	Battery (-ve)



Enertrak
Instruments Pvt. Ltd.

IT-3, EPIP, RIICO Industrial Area,
Sitapura, Jaipur, Rajasthan-302022

www.enertrak.in

ak.enertrak@gmail.com/raj.enertrak@gmail.com

+91-9549061797 / +91-8233000062