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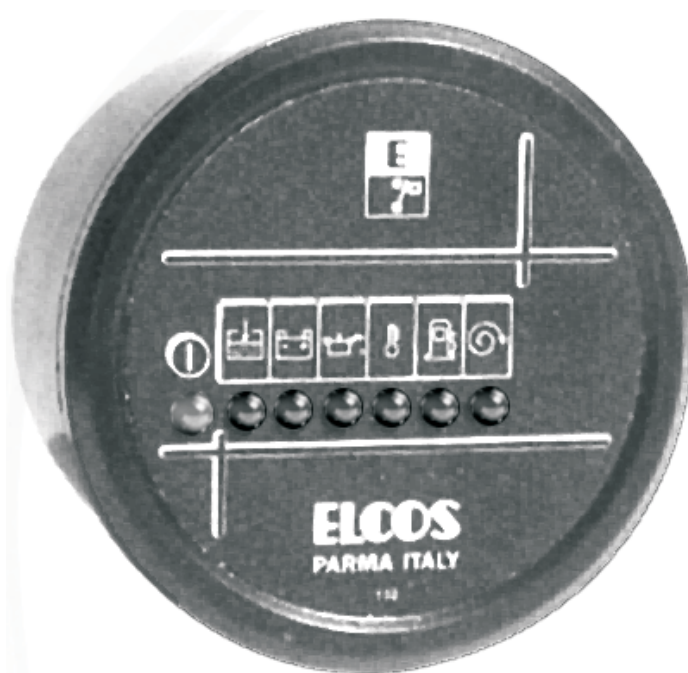
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Технические характеристики на устройства для защиты дизельных двигателей DIP-521, DIP-804, DIP-806 компании **ELCOS**

ENGINE PROTECTION CONTROL

TYPE **DIP-806/00**

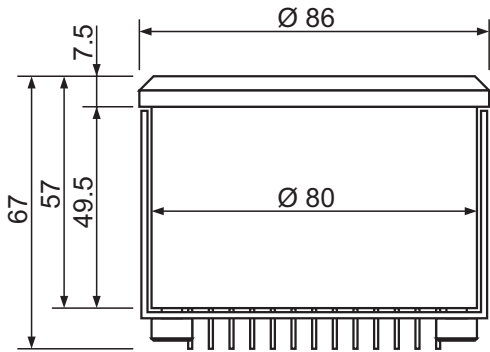


FOR ENGINE STOPPAGE ANOMALY
(VIA ELECTROMAGNET OR SOLENOIDS) FOR:

- LOW COOLING LIQUID LEVEL
- INEFFICIENT BATTERY CHARGE ALTERNATOR (BELT BREAKAGE)
- LOW OIL PRESSURE
- OVERHEATING
- FUEL RESERVE (without engine stopping)
- OVERSPEED. The signal generators are: pre-excitation alternator from terminal W, or permanent magnet alternator from the yellow wire, or magnetic transducer (pick-up).

OIL AND BATTERY INDICATORS INCORPORATED IN CONTROL

DIMENSIONS



TECHNICAL DATA

- BATTERY SUPPLY VOLTAGE	12 VDC (MAX 16 VDC) or 24 VDC (MAX 32 VDC)
- POWER DRAIN WITH KEY AT ZERO	8 mA
- MAX POWER OUTPUT [5] (STOP)	3 A
- MAX POWER OUTPUT [7] (GENERAL ALARM)	3 W
- OVERSPEED FREQUENCY INTERVENTION	
• W / YELLOW	100 ÷ 1200 Hz
• MAGNETIC TRANSDUCER	800 ÷ 9600 Hz
- TEMPERATURE RANGE	-10 ÷ +60 °C
- TERMINAL BOARD	FASTON 6.35 × 0.8
- DEGREE OF PROTECTION FOR THE ELECTRONICS	IP 65
FOR THE TERMINAL BOARD	IP 00
- WEIGHT	460 g

ENGINE PROTECTION DEVICE

TYPE **DIP-804/00**

THE ENGINE IS STOPPED (VIA ELECTROMAGNET OR SOLENOID) IN CASES OF ANOMALY FOR:



- INEFFICIENT BATTERY CHARGE ALTERNATOR (BELT BREAKAGE)
- LOW OIL PRESSURE
- OVERHEATING
- FUEL RESERVE (without stopping engine)

TECHNICAL DATA

- BATTERY SUPPLY VOLTAGE	12 VDC (MAX 16 VDC) or 24 VDC (MAX 32 VDC)
- CIRCUIT LOADING WITH KEY TURNED TO ZERO	8 mA
- MAXIMUM LOAD ON OUTPUT [5] (STOP)	3 A
- MAXIMUM LOAD ON OUTPUT [7] (GENERAL ALARM)	3 W
- TEMPERATURE RANGE	-10 ÷ +60 °C
- TERMINAL BOARD	FASTON 6.35 × 0.8
- DEGREE OF PROTECTION: FOR THE ELECTRONICS FOR THE TERMINAL BOARD	IP 65 IP 00
- WEIGHT	450 g

ENGINE PROTECTION DEVICE TYPE **DIP-521/00**



THE ENGINE IS STOPPED
(VIA ELECTROMAGNET OR SOLENOID)
IN CASES OF ANOMALY FOR:

- INEFFICIENT BATTERY CHARGE
ALTERNATOR (BELT BREAKAGE)
- LOW OIL PRESSURE
- OVERHEATING

FUNCTION

IGNITION KEY



- REST
- RESET PROTECTION



- DEVICE SUPPLY



- START ENGINE

ENGINE PROTECTIONS

These are enabled when the PROTECTIONS ACTIVE ① indicator lights up (20 seconds after turning the key to "AUT" or, in any case, 20 seconds after the end of the start impulse). The interventions of the protection probes (mounted on the engine), shown by the visual indicator, are memorized and stop the engine: immediately for oil pressure switch and overheating thermostat; after 5 seconds, for inefficient battery charge alternator (belt breakage).



STOP

This is obtained in two ways:

- by turning the ignition key to zero (with solenoid or electromagnet excited in drive-mode and deactivated in stop-mode)
- for protections intervention.

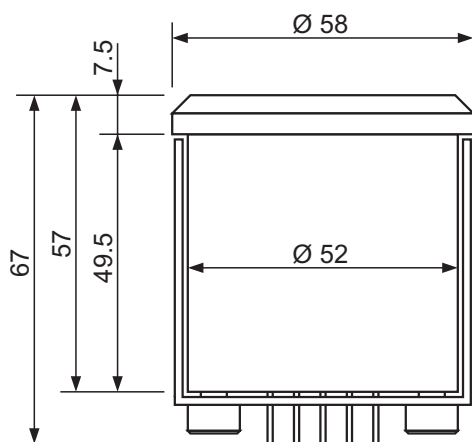
The protection device uses two different types of stoppage:

- activating the ELECTROMAGNET which pulled the STOP lever for 20 seconds
- disconnecting the supply to the SOLENOID which closes the gasoline passage.

RESET

This is obtained by turning the ignition key to zero.

DIMENSIONS



TECHNICAL DATA

- BATTERY SUPPLY VOLTAGE	12 VDC (MAX 16 VDC) or 24 VDC (MAX 32 VDC)
- MAXIMUM LOAD ON OUTPUT [5] (STOP)	3 A
- TEMPERATURE RANGE	-10 ÷ +70 °C
- TERMINAL BOARD	FASTON 6.35 × 0.8
- DEGREE OF PROTECTION FOR THE ELECTRONICS	IP 65
- DEGREE OF PROTECTION FOR THE TERMINAL BOARD	IP 00
- WEIGHT	240 g

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