

DP20

DP20 is a Protection System for GENSET. It protects the genset from several risks, by detecting the status of the sensors which are mounted on the GENSET.

Features

- > wide range of supply voltage 10 to 30 VDC
- > frequency and voltage protection
- > good appearance
- > Easy mounting and installation
- > Actual specification
- > Real guaranty from the manufacturer company

Specifications

Supply voltage	10 to 30 VDC
Output voltage	Supply Voltage
Output current	Max. 6 Amp.
Voltage Regulation	< +/- 1% (with 4% engine governing
Thermal Drift	0.05% per C change in DP20 ambient
Environment	Operation Temperature -40 to +70 C Storage Temperature -40 to +85 C Relative Humidity Max. 95%

Installation

Terminals	Label	Description
1-OIL	oil pressure sensor N.O	
2-Temp	Temperature pressure sensor N.O	
3-DYN	Dynamo D+ normally +	
4-AUX	Auxiliary sensor N.O.	
5-B-	negative supply direct battery	
6-B+	positive supply connect to start key	
7-VALV	valve positive supply	
8-COOL	radiator coolant liquid sensor N.C.	

- > The valve positive supply is depend on battery supply voltage
- > the dynamo excitation is internal from DP20

Adjustment	Voltage Limit To adjust the limit of over voltage protection
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Note: to adjust the Voltage Limit fix the voltage on 220 VAC, and turn the adjustment pot clockwise till lit the over voltage led and then slightly back it.

50Hz / 60Hz To select 60Hz or 50Hz protection System connect the frequency selection points for 60Hz and disconnect for 50Hz

Note: the frequency limits are adjusted on 10%+ and not able to modification

Physical Specification

Dimensions	160mm(L) X 70mm(W) X 37mm(H)
Weight	N.W.110 g +/- 2% G.W.180 +/- 2%

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