



Alternator Voltage Regulator Type-DP 201

PENTACON DP 201 AVR is half wave thyristor controlled associated with free wheeling diode for brush-less type alternators. DP 201 is designed a special relay-less electronic circuit, compatible with all in-range excitation ratings brush-less type alternators.

PENTACON DP 201 AVR is a repairable unit, a thin coating of epoxy is applied to prevent damage from vibration, moisture.

PENTACON DP 201 AVR is provides under-speed excitation protection, by reducing the output voltage proportionally with speed below a preset threshold.

Use of high efficient and sensitive semiconductors, positive voltage build-up is ensured from lower residual voltage.

SPECIFICATIONS:

Input Voltage	: Up to 475v AC, two phase & neutral at U,V & N
Input Frequency	: 50 Hz & 60 Hz , Adjustable through trim-pot
Output Voltage	: Up to 110 V dc at F+& F-
Output Current	: 8 Amps continuous/12.0 Amps transient.
Regulation	: +/- 1%
AVR Responce	: 20 ms
Build-up Voltage	: 5 Volts at AVR terminals
Under Frequency	
Protection	: 47 Hz (resettable) at factory setting
Protection Fuse	: 4 Amps fast blowing glass fuse 19mm x 5 mm

Note : For single phase alternator input voltage is Up to 270v ac, other parameters would be same as above.