

AUTOMATIC VOLTAGE REGULATOR RAV-30S FOR BRUSHLESS MACHINES



There are a number of parameters to be taken into account when selecting an automatic voltage regulator, for which the **RAV-30S** has a very wide range of applications to give greater flexibility in the optimization as an excitation system

FUNCTIONS:

- Automatic Voltage Regulator (AVR)
- Field Current Regulator (FCR)
- Power Factor Regulator (PFR)
- reactive power regulator (VAR)
- Protection for low frequency (V / Hz)
- Over Excitation Limiter (OEL)
- Minimum Excitation Limiter (MEL)
- Protection for over voltage excitation
- Protection for over excitation current.
- Automatic Follower Integrated by an algorithm for tracking the demand signal of angle trip between channels (Tracking System)
- Initial Excitation (BUILD - UP)

DIGITAL CONTROL UNIT OF EXCITEMENT (UCE) MULTIFUNCTIONAL COMPACT MACHINES AND BRUSHLESS also belongs to our array of products in power control.

The structure of the **RAV-30S** with **MICROPAC** driver is very compact, and is designed to control the field of the generator used as pilot exciter in brushless systems.

For applications in low power systems, the digital multifunctional compact regulator **RAV-30S** is the great solution.

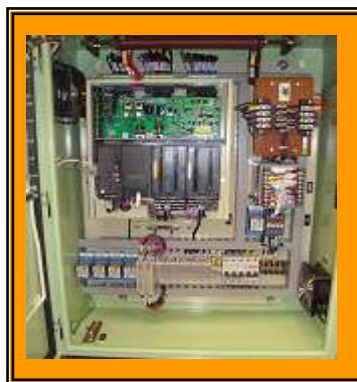
TECHNICAL SPECIFICATIONS

POWER UNIT.

- Control card range " s " digital phase 2 pulses per cycle with integrated power .
- Power supply 127/220 VAC
- Output voltage: 0 to 125 VDC
- Continuous-duty rated current 30 ACD

MEASURE UNIT.

- Digital Power Transducer Module . (PTM)



SEPTEMBER 2010

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