



BELGIUM

TECHNICAL SPECIFICATION

Voltage regulation card ER2 / KSM2

PRODUCT

NP0161

REF.

PT/REV-00-18/03

APPLICATIONS

The function of the voltage regulators ER2/KSM2 series is to ensure the alternators a constant output voltage whatever the output power and the cosinus phi of the load.

Thanks to its original working principle, it has numerous advantages, e.g. :

- High accuracy of the output voltage.
- Uncomparable dynamic behaviour, the corrections of the excitation current are made at a frequency of 300Hz.
- Insensibility to the variations of ambient temperatures.
- Thanks to its high stability in case of impacts of transient loads, it can reach its performances without the potentiometers PID.

Exceptional reliability, on the basis of a statistic of 20 years, we can give a MTBF higher than 3000.000 hours.

TECHNICAL CHARACTERISTICS

Regulation rate : $\pm 0,5\%$ for the whole power range.

Response time : 3,3 msec.

Output power : 300W

'Forcing voltage' : 3 to 4 UDCn

Galvanic insulation between measuring circuit and power circuit.

Input for quick dropout.

Easy connection in parallel of several machines.

CASE AND SIZE

Length : 200mm

Width : 120mm

Height : max. 55mm (with cables)

