

M25FA600A

« AVR Marelli Series

M25FA600A is proper both for single and 3-phase generators.

Description

FULL DESCRIPTION

M25FA600A is the voltage regulator type “Z1”, is suitable for synchronous generators of MARELL make M7B series, size range 160-500 frames. The regulator is proper to operate on machines rated from 10 up to 2000kVA. The regulator is fully insulated in order to maintain high reliability also with severe ambient conditions (high level of humidity, dust, salt atmosphere), and in case of high vibrations level. The regulator is proper both for single and 3-phase generators.

SPECIFICATION

- Regulation Accuracy: +/- 1% steady state conditions
- Voltage Drift: +/- 1% voltage change, for 50 ° C amb. temperature change
- Respond Time: 1 cycle
- Operating Temperature: -20 ° C ÷ +60 ° C
- Exciter Field Resistance: 3 Ω (min) ÷ 25 Ω (max)
- Supply Voltage: 170 -270 V (100/120Hz)
- Power Supply: 1000 VA (max)
- Power Dissipated: 30 W (max)
- Voltage Sensing: 170 -270, 350 – 480 V
- Output voltage (DC): 30 V
- Output Current (DC): 8 A (max, continuous)
- Output current (DC): 15 A (max one minute forcing)