



250VA FREQUENCY CONVERTER WITH SINE WAVE OUTPUT AB/FC 250 SERIES

- Convection cooled
- Compact size, light weight
- Sinusoidal wave shape
- 250VA of output power
- Full electronic protection
- Telecom quality
- Field-proven design topology



The AB/FC 250 Series is a highly compact AC/AC frequency converter. Suitable for a wide range of applications, the AB/FC 250 features full electronic protection, high efficiency and low output noise. Well established design techniques are used to ensure high reliability. The unit is conduction/convection cooled. Extended operating temperature (-40 to +65°C) is available.

SPECIFICATIONS

Input Voltage 115 or 230 VAC, 48...410Hz +/-20% are standard Other inputs available, please consult factory	Output Voltage 115V/2.17A continuous or 230V/1.08A continuous at 50Hz 60Hz 400Hz with grounded neutral. Isolated floating output optional	Load Regulation Maximum +/-2% from no load to full load	Operating Temperature Range 0°C to +50°C
Input Protection Thermal fuse Inrush current limiting	Wave form Sinusoidal	Output Protection Current limiting with short circuit protection Thermal shutdown with automatic recovery in case of continuous overload or insufficient airflow	Temperature Drift 0.05% per °C over operating temperature range
Standards Designed to meet C22.2 No. 107.1-01 UL 458 and EN 60950	Total Harmonic Distortion Less then 5% at full load	Efficiency Min 78% at full load	Dimensions 127x135x394 enclosed case (WxHxL in mm) Weight: 4 kg
EMI EN 55022 Class B (typical)	Line Regulation Maximum 0,5%	Load Crest Factor Max. 3.0 at 90% load	Connections Input: Compression-type terminal Output: Standard AC receptacle