

SIGA (Electronics) Ltd

Isolation Transformer Model EIT-2000

Designed and built to comply with the requirements of Medical Equipment Specification, BS EN 60601-1

General Specification

1. 2000VA Medical Toroidal Isolation Transformer
2. IEC inlet fused in each line
3. Medical filter on input
4. IEC Outlets 6 way
5. Thermal Circuit Breaker illuminated
6. Inrush current limiting
7. Fused outputs
8. Metal case 260mm W x 345mm D x 130mm H
9. Carrying handles



Transformer Electrical Specification

1. Primary : 0-230V 50/60Hz
2. Secondary : 0-230V @2000VA maximum
3. Regulation : <4%
4. Temperature Rise : <40°C
5. Leakage : Primary to secondary <100µA @264V 50Hz
6. Leakage : Primary to screen <500µA @ 264V 50Hz
7. Flash Test: Primary to screen @2kV rms
8. Flash Test : Primary to secondary @ 5kV rms

Overall Specification

1. Input Voltage : 220V to 240V nominal 50/60Hz
2. Input Power : 2100W
3. Input Filter : Medical low leakage <5µA rating 10A
4. Input Fuses : Miniature fuse 20mm x 5mm 10A anti surge type
5. Output Rating : 220 to 240V @ 2000VA maximum
6. Output Fuses : Miniature fuse 20mm x 5mm 10A anti surge type
7. Inrush Current : Thermistor limited 24A @264V
8. Power On Indication : Incorporated in circuit breaker
9. Output Indicator : Neon green inserted between fuses and output sockets