

MIT Medical Isolation Transformers to BS EN 60601

MIT Medical Isolation Transformers are ideal maintenance free solutions for loads that require complete isolation due to high leakage or transient generation in medical applications. The Medical Isolation Transformer offers full protection for loads that can suffer erratic operation or be damaged by electrical noise (common and series mode) and local transients.

Applications

- ◆ Medical equipment requiring separation from the mains supply (BS EN 60601)
- ◆ Medical Computer terminals and workstations

Features

- ◆ Low impedance transformer with Galvanic Isolation
- ◆ High common and series mode noise attenuation
- ◆ Low installation and running costs, maintenance free
- ◆ High Mean Time Between Failure (MTBF)
- ◆ Easy to install

Options

- ◆ Mains voltage and frequency to suit geographical locations
- ◆ Class II sealed transformers for wet rooms up to 500VA



MIT 500VA for class II applications in wet rooms



MIT 500VA standard box all major plug/socket types available

Specifications

Nominal Voltage	230V*
Output Voltage*	230V*
Frequency	50/60 Hz
Efficiency	97%
Operating Temperature	0-40°C
Safety Standards	CE marked, EN 60742, EN 60950, EN 60601

Neon Indications	Standard	Wet room
Overload Protection	Output Input Breaker	Thermal fuse
Case	IP21 Metal	IP66 Plastic
Plug & Sockets	UK / Schuko †	UK / IEC

† Others available on request

Operation

Using a low impedance transformer with galvanic isolation and passive filters, MIT's offer an unsurpassed electrical noise and transient attenuation. Their performance far exceeds filter plugs, filtered power distribution strips and electronic conditioners. The filtering works in reverse mode, preventing connected 'noisy' loads from polluting the mains supply.

For sizes larger than 1000VA contact sales@aelgroup.co.uk

Model No	Power Rating	Standard unit			Wet room		
		Dimensions WxDxH mm	Weight Kg	Sockets	Dimensions WxDxH mm	Weight Kg	Sockets
MIT 250/*	250VA	180 x 260 x 156	9	2	105 x 180 x 130	7	1
MIT 500/*	500VA	180 x 260 x 156	13	2	105 x 180 x 130	8	1
MIT 750/*	750VA	210 x 320 x 196	15	3	-	-	-
MIT 1000/*	1000VA	210 x 320 x 196	17	3	-	-	-

* suffix assigned on voltage and termination choice