



REO Medical Isolation Transformers

Type REO-MED

REO MEDICAL ISOLATION TRANSFORMERS are used in conjunction with other electrical equipment and systems that are required to meet the requirements of the Medical Device Directive. The transformers have been tested for conformance with standards EN60601-1/A:1995 and EN60601-1-2:2001 which specify the general safety requirements for medical equipment.

By using isolation tape plus a screen winding between the primary and secondary windings the required dielectric strength of > 4kV for reinforced and double insulation plus the general earth leakage current of < 500 microamperes are both achieved. These are the requirements of the medical safety standards.

Furthermore, the transformers provide an additional benefit in that they protect essential electrical connected to the secondary sockets against an earth single fault condition.



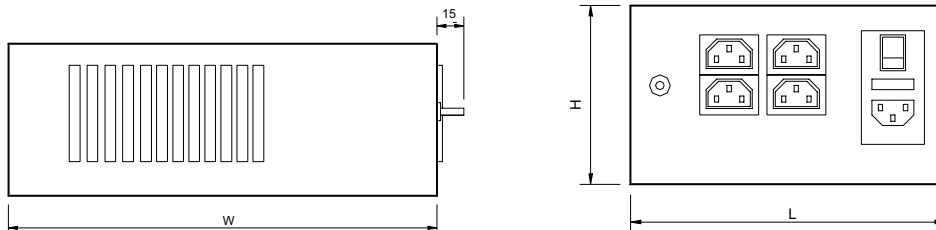
Key Features

- Low leakage current
 - Low magnetic stray fields
 - Encapsulated transformer
- High dielectric strength isolation
 - Low losses
 - Sturdy aluminum enclosure
- Fused Live and Neutral
 - Multiple IEC output sockets

Dimensions & Specifications

Type	Rated Voltage	Output Voltage	Power (VA)	Dimensions (mm) (W x L x H)	Number Outlets
REO-MED 300	230 V	230 V	300	240 x 150 x 85	4
REO-MED 600	230 V	230 V	600	270 x 170 x 95	6
REO-MED 1000	230 V	230 V	1000	300 x 220 x 100	9

Diagram



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Product Service

ZERTIFIKAT

Nr. Z1 05 12 58408 001

Zertifikatsinhaber: REO INDUCTIVE COMPONENTS AG
 Brühler Strasse 100
 42657 Solingen
 DEUTSCHLAND

**Produktions-
 stätte(n):** 57841

Prüfzeichen:



Produkt: Medizinisches Netzteil
 Isolationstransformator

Modell(e): REO-MED 300
 REO-MED 600
 REO-MED 1000

Kenndaten:

Nennspannung:	115 V; 230 V; 115/230 V
Nennfrequenz:	50/60 Hz
Schutzklasse:	I
Schutzart:	abgedeckt
Nennaufnahme:	REO-MED 300: 300 VA
	REO-MED 600: 600 VA
	REO-MED 1000: 1000 VA

Geprüft nach: PPP 201.0.0 Rev.11 04.05
 EN 60601-1/A2:1995
 IEC 60601-1/A2:1995
 EN 60601-1-2:2001
 IEC 60601-1-2:2001

Das Produkt wurde auf freiwilliger Basis auf die Einhaltung der grundlegenden Anforderungen geprüft und kann mit dem oben abgebildeten Prüfzeichen gekennzeichnet werden. Umseitige Hinweise sind zu beachten.

Prüfbericht Nr.: 70108528

Datum: 2006-01-03

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