

# REOMED A-50 Series

Medical certified Isolation Transformers 300VA to 2200VA



- ▶ TÜV+NRTL certified Medical-Isolation-Transformer with 4000V Isolation
- ▶ secures your System against high Leakage Current & half-wave failure
- ▶ safe - optional Isolation-Monitor available
- ▶ durable - none aging Parts
- ▶ no supply noise or hum - encapsulated transformer



## Isolation + Patient Environment

The REOMED A-50 Series can be equipped with an additional ISO-MONITOR for the safest power supply of Medical diagnosis and analysis devices, systems for therapy and surgery, ECG, Ultrasound, IT equipment and video systems.

The TÜV-certified REOMED isolating trans-formers are proven and reliable equipment for use with all electrical systems in a medical environment. They reduce the leakage current and thus help to ensure the safety of patients. REOMED isolating transformers are characterized by their very low magnetic stray-fields and reliability, whilst also providing high efficiency and easy connectivity. The REOMED Isolation Transformers can be ordered in 300VA, 600VA, 800VA, 1000VA, 1300VA, 1600VA and 2200VA. They are available in 115V and 230V Versions and in Wide Range Versions, which supports 100V to 250V Environments.

## Technical Data REOMED A-50 Series

Type	300-A50W	600-A50	800-A50W	1000-A50	1300-A50	1600-A50	2200-A50
Item number	2000466	2000698	2000699	2000332	2000700	2000701	2000536
Nominal power output (VA)	300	600	800	1000	1300	1600	2200
Ambiant operation temperature	0 - +40°C						
Relative humidity	30 - 75%						
Power input	IEC Power connector in accordance with EN 60320-1 / C14						
Input voltage primary (V AC) +/- 10%	100-130/ 200-250	230	100-130/ 200-250	230	230	230	230
Supply frequency (Hz)	50 / 60						
Current Consumption (A)	TBA						
Power input fuse (A) 230V	1.6	3.15	4.0	5.0	6.3	8.0	10.0
Power switch input (primary side)	Yes						
Inrush current limitation	Electronic inrush current limitation and half-wave failure recognition						
Overtemperature protection	Self-resetting temperature switch						
Device output (secondary)	4x IEC60320	6x IEC60320	9x IEC60320	9x IEC60320	9x IEC60320	9x IEC60320	9x IEC60320
Output voltage secondary (V AC)	100-130/ 200-250		100-130/ 200-250	230			
Output current (A)	1.3	2.6	3.2	4.35	5.5	6.8	9.37
Operation LED display	No						
Touch leakage current	< 0,1 mA under normal conditions, < 0.5 mA single fault condition						
Isolation, protective earth conductor resistance	> 2M Ohm / < 0,1 Ohm						
Test voltage PRI - SEC (V AC)	4000						
Test voltage PRI/SEC -Chassis (V AC)	1500						
Electric Safety class	Class 1 equipment, protective earthing						
IP classification	IP20						
Certification institution	TÜV-SÜD						
Certification in accordance with	IEC60601-1: 2005 Edition 3.1, IEC60601-1-2:2007, TÜV-SÜD NRTL C+US						
Medical equipment classification according to MDD93/42	Class 1 device						
Potential equalisation	Equipotential connector according to DIN 42801						
Case, surface	Metal Housing in RAL 7038						
Dimensions (mm) (WxHxD)	150x85x240	170x95x270	220x105x300	220x105x300	235x130x325	235x130x325	235x130x325
Weight approximately (Kg)	4.5	7.5	12.5	12.5	13.5	15.0	19.0
Warranty	2 years bring in and return, optional 3 years and 5 years Warranty						



### Scope of delivery:

- Mains cable 3x1 mm<sup>2</sup>, 2.0 m length, black
- User Manual
- Replacement fuses: 4 Pcs

### Optional Accessories:

- Trigger Safety Kit
- Mounting Rail Kit