Contatti REO Italia:
+39 030 279 3883 •
info@reoitalia.it

REOMED II 1580

Isolation transformers



Unique Selling Point

- IEC 60601-1 (ed 3.1)
- IEC 60601-1-2 (ed 4.0)
- Certified according to NRTL
- built-in circuit breakers
- Good heat dissipation
- Compact dimensions
- Solid aluminium casing
- Green illuminated mains switch
- Low total weight
- High efficiency with a very low magnetic field
- Low noise
- Easy mounting
- Very low non-load current
- Low voltage variation
- Compact design
- Connection (PTC) for external temperature monitoring

Description

The REOMED II isolation transformer provides reliable leakage current reduction in medical applications. Safe isolation on the input side is effected by using high quality materials and first class production methods. The isolation transformers are designed for low internal losses and so achieve very low no-load losses.
Overload and short-circuit protection on the input and output side are provided by buildt-in circait breakers.

Application area:

- Medical systems

Technical Data

- Rated power : 1580 VA
- Input voltage : 230 V

Last modified: 16.08.2019. All data is provided to the best of our knowledge and awareness and is subject to error and amendment.

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REOMED II	1580
Nominal input power [VA]	1580
Input voltage [V]	230
Output voltage [V]	230
Mains frequency [Hz]	50/60
Input power plug	1 piece IE C/EN 60320 (C20) UL 498, CSA C22.2 no. 42
Output power plug	6 piece IEC/EN60320-2-2 (C13) UL 498 CSA C22.2 no. 42
Power switch [0-1]	yes
Circuit breaker [A]	8
Sec. circuit breaker [A]	7
Thermal overload protection	yes
Temperature sensor	yes, in connection with insulation monitor
Start-up current limiter	NTC (option 10) or electronic (option 50)
Max. output current [A]	6,7
Earth leakage current 254V [µA]	<500
Insulation / protection resistance [Ω]	>2M/<0,1
Test voltage	primary-secondary: 4kV AC; primary hosuing / secondary housing: 1,5kV AC
Protection class/med. class/Type	I/I
Protection IP	IP20
Ambient temperature [°C]	0 ... 40
Ambient air humidity [%]	Relative 30 - 75
Max. altitude [m]	3000
Equi-potential earthing (DIN42801)	POAG - S6/15
Housing, Surface	Powder-coated metal - RAL 7035
Dimensions (BxHxT) [mm]	235 x 115* x 325 (with rubber foot 122)
Weight [kg]	17,6
Approval / principles / Conformity CE	IEC60601-1:2005/AMD1:2012; ANSI/AAMIES 60601-1:2005/CR/2012 CAN/CSA C22.2 No. 60601-1:14 (Medical) USA and Canada IEC60601–1-2:2014(Partly); EN/IEC 61000-3-2:2014; EN/IEC 61000-3-3:2013
Accessories (Options)	
Power line	Country-specific
Pull-off protection	Mechanic returning kit
Mounting rails	Mounting kit (2x mounting rails, 4x hexagon screw)

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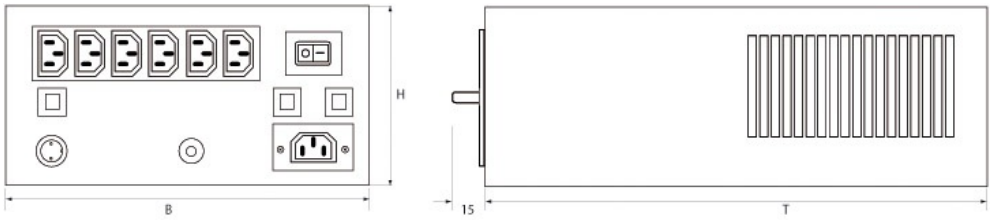

Type	H (mm)	B (mm)	T (mm)	Weight (kg)
REOMED II 1580	115 (122*)	235	325	17,6

*with rubber feet

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