

TMIB Series Single-Phase Isolation Transformer FOR USE IN MEDICAL ENVIRONMENT

AN-type air cooling, resin impregnated and tropicalized.

Separate COPPER WINDINGS

Copper earthed screen between primary and secondary windings

TECHNICAL SPECIFICATION

Rated power:	300VA to 2000VA
Input voltage:	230V (220V)
Output voltage:	230V (220V)
Frequency:	50/60 Hz
transformer protection (transf. only):	IP00
Security class:	I
Thermal class of insulation	F
Thermal class of winding	F-H
Ambient temperature	25°C

Max overtemperature rise:	80°C
Maximum voltage regulation:	3,5%
Short circuit tension:	5% max
Performance	> 97%
Cooling	AN
Max. relative humidity (without condensation)	95%
Operating altitude	1000m above sea level without derating
EEC directives	Dir. 2014/35/EU – Dir. 2014/30/EU – Dir. 93/42/CEE
Applied standards	EN 61558-1, EN61558-2-4

EN 60601-1:2006/AC:2010/A11:2011/A1:2013
Electromedical equipment Part 1: General safety standards



FEATURES

	300VA	500-800-1000VA	1500:2000VA
MOUNTED IN IP21 METAL ENCLOSURE	X	X	X
LOW PROFILE ENCLOSURE	X		
RAL7035 EPOX PAINTED	X	X	X
LIFTING HANDLES		X	X
2 POLES 10A ILLUMINATED SWITCH	X	X	
AUTOMATIC CIRCUIT BREAKER 1P-N ON FRONT PANEL			X
Mains lamp			X
EN60320-1 3 poles input plug with two poles switch	X	X	X
2 input time delay fuses with rated current according to max rating	X	X	X
Input power supply cable with Euro 2P+T plug and mechanical interlock	X	X	X
equipotential earth connector	X	X	X
output sockets to en60320-2 standards MAX 10A	4	8	8
THERMAL PROTECTOR/SELF RESETTABLE ON TRANSFORMER PRIMARY	X	X	X
Output fuse of maximum power capacity	X	X	X
Removable ABS panel 6mm. for mechanical lock of load plugs	X	X	X
Rating plate, manual, CE certificate	X	X	X
Dimensions (mm WxDxH)	170x230x80	180x280x165	250x350x195
Weight kg	3.5	10 – 12 – 13	18 - 20

Dimensions and weight may be subject to a change without notice

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300VA



Back side of appliance

TMIB079LP



500VA
800VA
1000VA



Back side of appliance

TMIB119
TMIB171
TMIB179



1500VA
2000VA



Back side of appliance

TMIB199
TMIB219

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OPTIONAL ACCESSORIES

CAV03 **CABLE 3X1 L. 1.5MT. PLUG ICE320 – SOCKET IEC320**
(it allows the direct connection in output of equipment powered by a panel plug IEC60320)



PSIEC613 **adapter IEC C6 3PIN Male C13 3 PIN FEMALE**
(allows the connection of a normal power cable with IEC60320 socket to a power supply unit portable equipped with three-pole fixed “trefoil” plug compatible with the plug shown in the figure)



PRE6+IEC **multiple universal sockets 6 nos. – cable with IEC plug**
(note: item PRE6+IEC is not EN60601 certified)

