

TMI64 single phase medical use isolation transformer

DESIGNED FOR USE IN ELECTRICAL SYSTEMS FOR MEDICAL-USE ENVIRONMENTS (CEI 96-16, formerly CEI64-4)
NATURAL air-like cooling TYPE AN, suitable for installation inside.

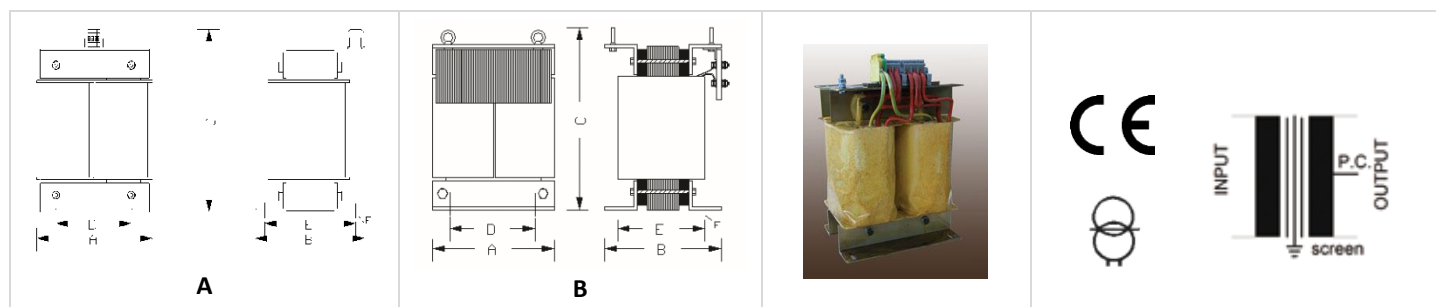
Copper windings
Open type Transformer

CONTINUOUS SERVICE

DOUBLE SCREEN ISOLATION BETWEEN PRIMARY AND SECONDARY EARTH CONNECTED
EQUIPOTENTIAL CENTRAL TAP ON THE SECONDARY

ELECTRICAL SPECIFICATION

Rating power:	2KVA to 20KVA
Input Voltage:	230V
Output Voltage:	230V - CENTRAL TAP
Frequency:	50/60 Hz
Degree of protection:	IP00
Performance:	> 95%
Isolation class:	F
Max overtemperature	100°C
Protection class	I
Insulation	Double
Tension test applied	pri/earth, pri/sec, sec/earth 4.2 Kv
Protection:	IP00
Max Inrush current:	< 12In
Max earth leakage	< 0.3mA
Connection	On clamps up to 10kVA, brass bolts for higher ratings
Ambient temperature:	-10°C + 40°C
Maximum sound level	< 60 dB (A)
Relative humidity:	95%
Cooling Type	AN
Operating altitude	up to 1000m above sea level without derating
Lifting lugs	NO
Applied standards:	CEI EN61558-2-15



Part no	Code	Losses W	s.c.v. %	Dimensions mm.						dwg	Weight kg	box
				a	b	c	d	e	f			
2000	TMI64219636	90	5.0	180	150	184	150	120	8	*	19	MBT02
3150	TMI64249636	130	3.5	200	200	245	160	150	8	*	26	MBT02
4000	TMI64267636	145	2.9	240	200	360	200	125	8	A	30	SAM03
5000	TMI64287636	180	2.7	240	200	360	200	125	8	A	32	SAM03
6300	TMI64307636	200	2.7	240	200	360	200	125	8	A	35	SAM03
8000	TMI64347636	210	2.7	240	300	360	200	205	8	A	43	SAM03
10000	TMI64387636	280	2.5	240	300	360	200	205	8	A	48	SAM03
15000	TMI64427636	400	2.5	320	300	440	260	210	8	B	68	SAM04
20000	TMI64467636	600	2.4	330	320	460	260	230	8	B	86	SAM04

* SHELL TYPE

Technical data and images may be subject to a change without notice

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ACCESSORIES AVAILABLE ON DEMAND

Installed in metal epoxy-painted protection box RAL7035

IP23 Protection

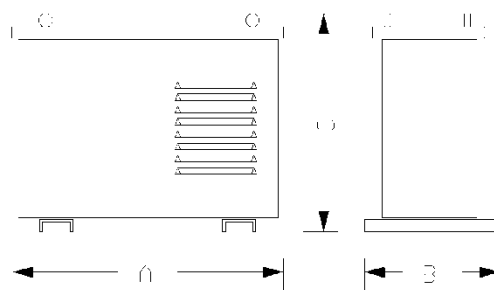
Cable input from the side and from below

Provision for input/output cable glands

Internal and external rating plate



MBT02



SAM0...

Part no	SUITABLE FOR	Dimensions mm.	Weight Kg
MBT02	2-3.15KVA	341x285x285	4
SAM03	4:10KVA	475x355x495	15
SAM04	15:20KVA	550x390x553	17
SAM05	Higher ratings	710x440x670	20
SAM07	Higher ratings	775x570x825	25
SAM09C	Higher ratings	900x640x1030	40
SAM10	Higher ratings	1300X1000X1300	50

IP44 VERSION

SAM07-44	Higher ratings	825X570X825	30
SAM09C-44	Higher ratings	950X640X1030	50

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